

**FINAL
RECORD OF DECISION/REMEDIAL ACTION PLAN
INSTALLATION RESTORATION PROGRAM
SITES 1, 4, 5, 7, AND 8**

**CHOCOLATE MOUNTAIN
AERIAL GUNNERY RANGE
NILAND, CA**

December 2003

DTSC

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CYPRESS

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ACRONYMS/ABBREVIATIONS

ARAR	applicable or relevant and appropriate requirement
bgs	below ground surface
BNI	Bechtel National, Inc.
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CMAGR	Chocolate Mountain Aerial Gunnery Range
DFG	Department of Fish and Game
DON	Department of the Navy
DTSC	Department of Toxic Substances Control
HLA	Harding Lawson Associates
IR	Installation Restoration
µg/kg	micrograms per kilogram
MCAS	Marine Corps Air Station
mg/kg	milligrams per kilogram
MSL	mean sea level
NAS	Naval Air Station
NEESA	Naval Energy and Environmental Support Activity
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
PA	Preliminary Assessment
PAH	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyls
PRG	preliminary remediation goal
RAP	Remedial Action Plan
ROD	Record of Decision
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act
SEAL	Sea, Air, and Land
SI	site inspection
SVOC	semivolatile organic compound
SWDIV	Southwest Division Naval Facilities Engineering Command

Acronyms/Abbreviations

URS	URS Consultants, Inc.
U.S. EPA	United States Environmental Protection Agency
VOC	volatile organic compound

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Part I: DECLARATION

DECLARATION

SITE NAME AND LOCATION

SITE NAME: Chocolate Mountain Aerial Gunnery Range (CMAGR)
Installation Restoration (IR) Program Sites
1, 4, 5, 7, and 8

LOCATION: Riverside and Imperial Counties, California

SITE TYPE: Federal facility; Managed by Marine Corps Air Station (MCAS)
Yuma

LEAD AGENCY: Southwest Division, Naval Facilities Engineering Command

STATEMENT OF BASIS AND PURPOSE

This decision document presents the selected final remedial action for Sites 1, 4, 5, 7, and 8 at CMAGR in Riverside and Imperial Counties, California. The remedial action was developed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986 and, to the extent practicable, the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). This Record of Decision (ROD)/Remedial Action Plan (RAP) has also been prepared in accordance with California Health and Safety Code Section 25356.1. This action is based on the administrative record file for these sites.

The state of California has concurred with the selected remedy of no further action through the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), the Colorado River Basin Regional Water Quality Control Board (RWQCB), and the Department of Fish and Game (DFG).

DESCRIPTION OF THE SELECTED REMEDY: NO FURTHER ACTION

No further action is the selected remedy for Sites 1, 4, 5, 7, and 8. In selecting the no further action remedy for these sites, the Department of the Navy (DON) has determined that the existing condition of the sites is protective of human health and the environment. DTSC, RWQCB, and DFG concurred with the recommendation for no further action with the condition that site surface restoration activities be implemented.

Site surface restoration activities were conducted at Sites 1, 4, 5, 7, and 8 in 2000. The Navy consolidated various nonhazardous debris from Sites 1 and 7 and buried the debris in the open trench at Site 7, away from the desert wash. Debris from Sites 4 and 5 was consolidated with the scrap metal pile at Site 8. The consolidated debris along with the scrap metal pile at Site 8 was then removed and properly disposed of off-site. The Navy backfilled the areas where debris was removed, as well as the open trench at Site 7 with up to 2 feet of native soil fill. The sites were re-graded to the natural contours. During extensive field investigation of Site 4, approximately 100 cubic yards of soil was

generated and stockpiled. The soil was identified to be non-hazardous based on the soil investigation results and was disposed accordingly.

The analytical results for the remaining soil at Sites 1, 4, 5, 7, and 8 confirm that there is no elevated risk to human health or the environment. No monitoring or land use restrictions are required to address chemicals present in soil and/or groundwater as a result of operations at the sites.

STATUTORY DETERMINATIONS

The DON has determined that no further remedial action is necessary to ensure the protection of human health and the environment at Sites 1, 4, 5, 7, and 8. This determination was based on field investigations, laboratory analyses, and an evaluation of potential human-health and ecological risks.

Because this remedy will not result in hazardous substances, pollutants, or contaminants remaining on-site above levels that allow for unlimited use and unrestricted exposure, a five-year review will not be required for this site.

Declaration

AUTHORIZING SIGNATURE

FOR THE UNITED STATES MARINE CORPS:

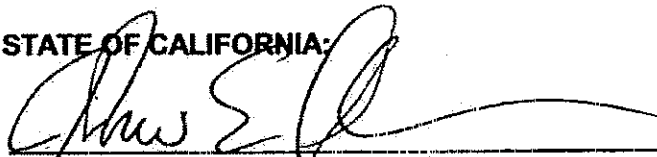
Signature: James J. Cooney
James J. Cooney, Colonel, USMC
Commanding Officer
Marine Corps Air Station Yuma

Date: 24 SEP 2003

SUPPORT AGENCY SIGNATURES

FOR THE STATE OF CALIFORNIA:

Signature: _____



Date: _____

11/25/03

Mr. John E. Scandura, Chief
Southern California Branch
Office of Military Facilities
California Environmental Protection Agency
Department of Toxic Substances Control

Signature: _____



Date: _____

10/17/2003

Robert Perdue
Assistant Executive Officer
Colorado River Basin
California Regional Water Quality Control Board

PART II: DECISION SUMMARY

Section 1**SITE NAME, LOCATION, AND DESCRIPTION**

This Record of Decision (ROD)/Remedial Action Plan (RAP) presents the selected remedial action for the Installation Restoration (IR) Program Sites at Chocolate Mountain Aerial Gunnery Range (CMAGR) located in Riverside and Imperial Counties, California. The document was developed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986 and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). The decision for these sites is based on the information contained in the Administrative Record. The Administrative Record index for the sites is found in Attachment A.

1.1 SITE NAME

This decision document addresses five IR sites at CMAGR that are subject to CERCLA that were initially identified in the CMAGR Preliminary Assessment (PA) conducted by the Naval Energy and Environmental Support Activity (NEESA) in August and September 1992. The PA initially identified seven potential sites to be considered for further investigation (NEESA, 1992). These seven sites are listed below:

- Site 1 (Drum Disposal Area)
- Site 2 (Open Burn Site)
- Site 3 (Diesel Fuel Stain)
- Site 4 (Discolored Soil Burn Area)
- Site 5 (Buried Debris Area)
- Site 7 (Open Trench)
- Site 8 (Scrap Metal Pile)

Sites 4 and 8 are combined because they are at the same location. In 1995, Sites 2 and 3 were eliminated from the IR Program and not included in the remaining steps of the CERCLA process for the following reasons:

- Site 2 (Open Burn Site) was not subject to IR considerations since it is currently located in an active live fire training range (40 MM Grenade Range) and the burn area identified is a direct result of these activities. Also, Department of Defense policy prohibits sampling in this location due to safety concerns. The Department of Toxic Substances Control (DTSC) concurs with this Policy. Various metal targets are set up on this range for training. Once these metal targets are expended they are then removed through Range Operations and Maintenance for recycling.
- Site 3 (Diesel Fuel Stain) consisted of a fuel spill area approximately 10 feet in diameter beneath a 500-gallon above ground storage tank. Petroleum spills are excluded from CERCLA. However, Site 3 was closed

in 1994 after approximately 45 cubic yards of contaminated soil was excavated and properly disposed of which included groundwater sampling and analysis revealed that the groundwater had not been impacted from the spill. The Department of Toxic Substances Control (DTSC) concurred with the closure of Site 3 in a letter dated December 22, 1994. The Regional Water Quality Control Board (RWQCB) concurred with the closure of Site 3 in a letter dated December 9, 1994.

1.2 FACILITY LOCATION

CMAGR is located in Riverside and Imperial counties, in the southeastern corner of California. Sites 1, 4, 5, 7, and 8 are located on CMAGR approximately four miles northeast of Niland, California in Imperial County directly north of Siphon 10 along the Coachella Canal (Figure 1-1). CMAGR is bordered by the west by the Salton Sea Basin, on the east by part of the Chuckwalla Bench geologic feature, on the north by Salt Creek, and on the south by Highway 78 near the town of Glamis. Most ground activity is centered at the Sea, Air, and Land (SEAL) Camp, located at the western perimeter of CMAGR. The IR sites addressed in this ROD/RAP are located within the SEAL Camp on CMAGR (Figure 1-2) (URS, 1994).

1.3 FACILITY DESCRIPTION

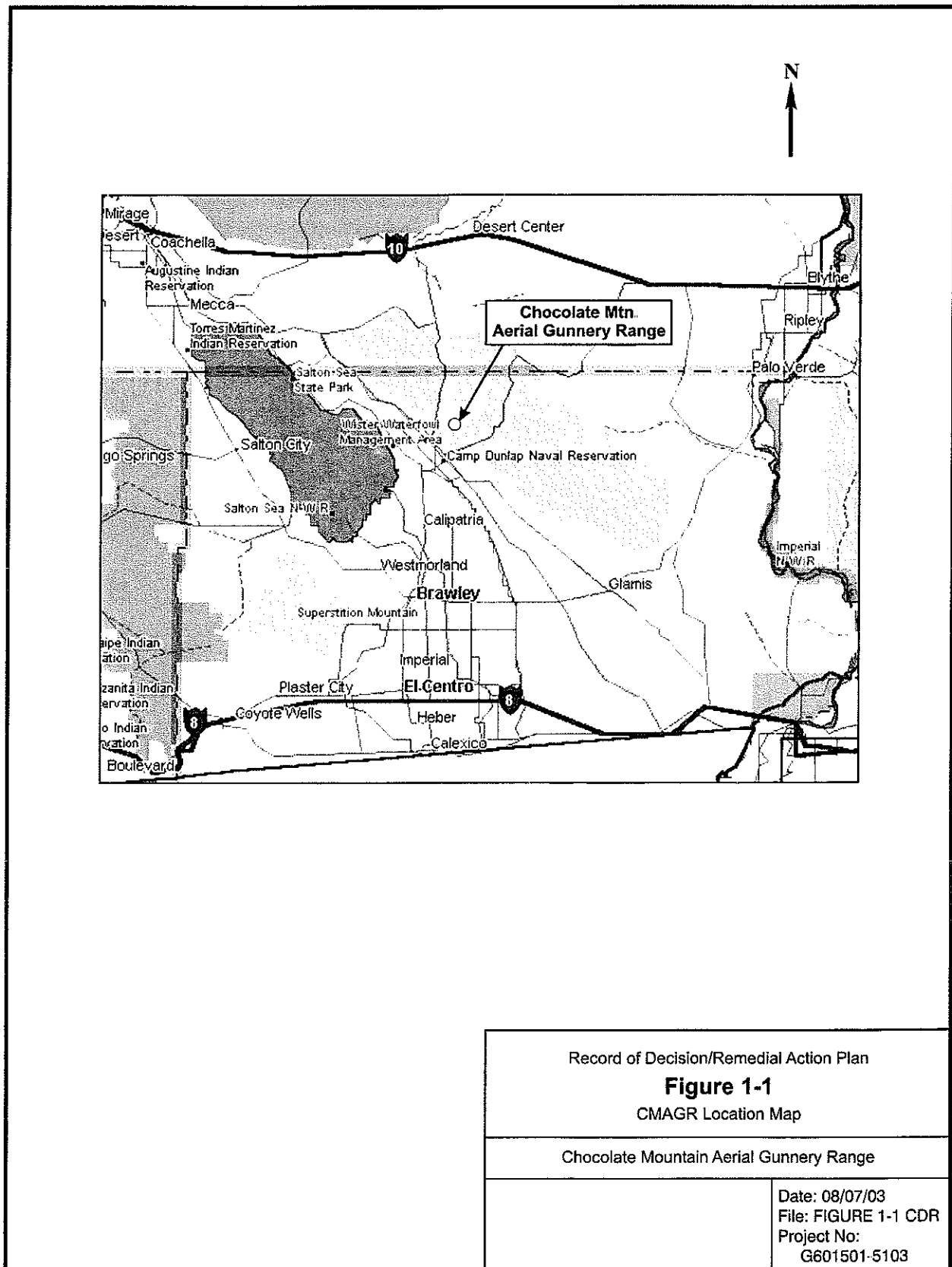
The 460,000-acre CMAGR facility, which is a federally owned facility managed by the United States Marine Corps Air Station (MCAS) Yuma, Arizona, has been used as an aerial gunnery and bombing training range since the 1940s. It is anticipated that this current use will continue into the future (SWDIV, 1995).

Camp David is an area northeast of the Coachella Canal and northwest of Siphon 10 (where an alluvial wash crosses the canal) at CMAGR. It is used by the U.S. Marine Corps for staging of targets within the range and as a base of operations for placement of targets within the CMAGR (SWDIV, 1995).

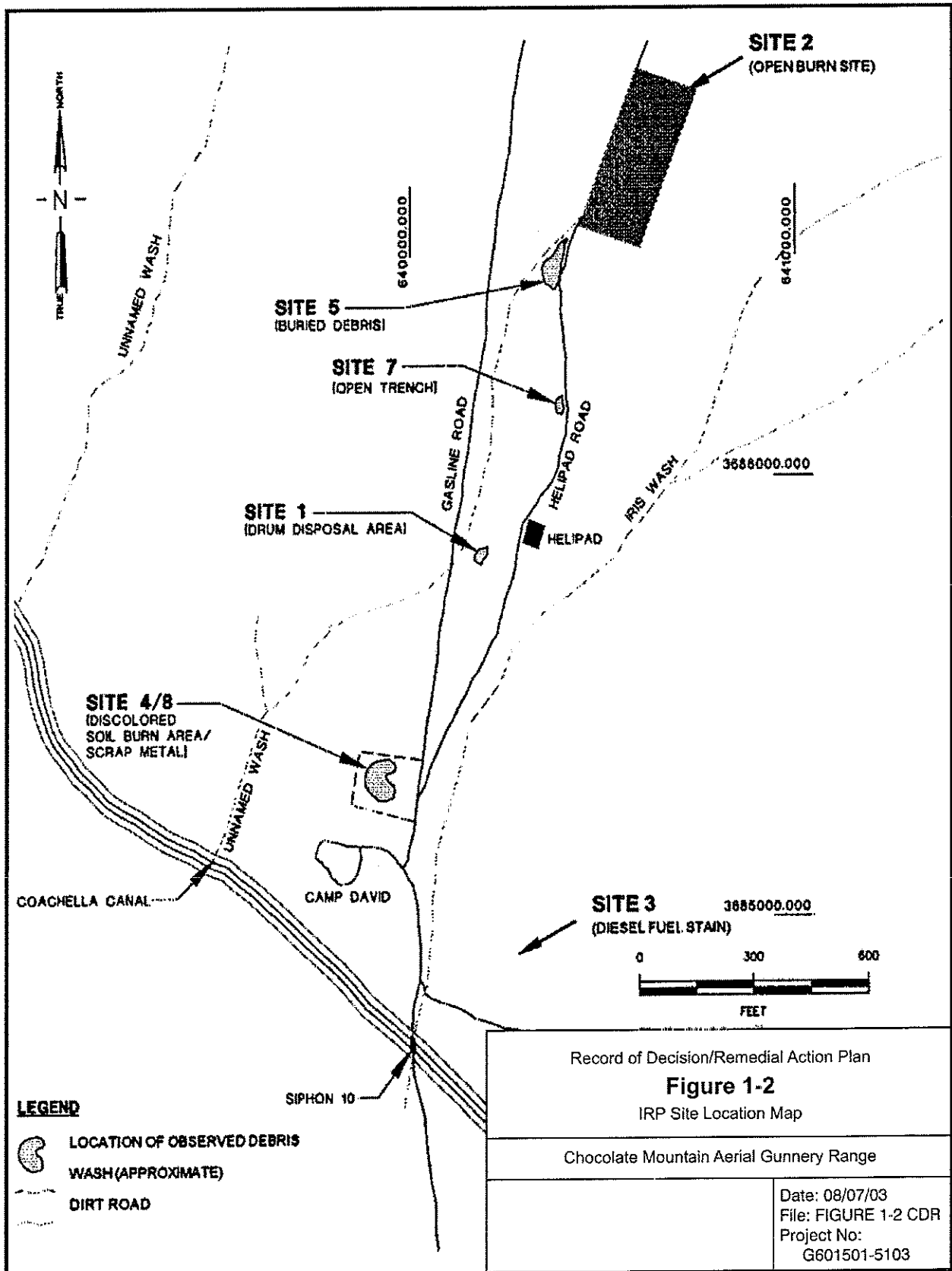
Naval Special Warfare Group-One (CNSWG-1) uses the area along the central-southwestern property boundary of the CMAGR for training activities. This area is known interchangeably as Camp Billy Machen and SEAL Camp. For clarity, this area will be referred to as SEAL Camp throughout the remainder of this document. The main features of the SEAL camp include a fenced camp area with a single H-shaped building, a fueling area, above ground water tanks, and a hazardous waste storage area. A maximum of 80 military personnel are present at the SEAL Camp during training activities (GEOFON, 2000).

Over the course of time, debris, old bombing target vehicles, cleaned empty drums, and construction materials accumulated at various sites within 7,200 feet of the SEAL Camp, near the intersection of Gas Line Road and Coachella Canal. Sites 1, 4, 5, 7, and 8 are generally located along Gas Line Road north and northwest of the SEAL Camp area (BNI, 1997b).

Section 1 Site Name, Location, and Description



Section 1 Site Name, Location, and Description



Section 2

SITE HISTORY AND INVESTIGATION ACTIVITIES

The CMAGR was entered into the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) on October 31, 1991. On March 5, 1993 CMAGR was placed on the Federal Facilities Compliance Docket (also referred to as the Docket). Under the authority of Executive Order 12580, federal facilities are delegated to conduct a PA at each of their facilities within 18 months of placement on the Docket (URS, 1995).

The Navy conducted a PA and Site Investigation (SI) prior to preparation of the Proposed Plan/Draft RAP and this ROD/RAP. The site history and investigation activities for CMAGR are summarized below.

2.1 SITE HISTORY

CMAGR has been used as an aerial gunnery and bombing training range since the 1940s. The primary mission of CMAGR is to provide live-fire aerial gunnery and air-to-ground bombing training in support of the U.S. Marine Corps, U.S. Air Force, U.S. Army, U.S. Navy, and the National Guard. It is presently the primary aerial weapons practice range for MCAS Yuma, Marine Corps Base Camp Pendleton, MCAS Miramar, and NAS Lemoore (SWDIV, 1995).

SEAL Camp was constructed in 1970 and is used for desert training and readiness operations. The training operations include the application of specific SEAL-oriented skills associated with live fire of small arms and demolitions, and indirect-fire weapons such as mortars and grenade launchers (SWDIV, 1995).

Over the course of time, debris, old bombing target vehicles, cleaned empty drums, and construction materials accumulated at various sites within 7,200 feet of the SEAL Camp. Interviews with past and present personnel associated with CMAGR indicated hazardous waste was generated in very small quantities at the range. This area is not and has not been an industrial area throughout its history of operations (URS, 1995).

2.2 INVESTIGATION ACTIVITIES

This section summarizes previous environmental investigation activities conducted at Sites 1, 4, 5, 7, and 8. The determination that no further action is required at these five sites is based on site histories, visual inspections, field investigations, and results from laboratory analyses. Previous investigation activities at CMAGR include the following:

- PA (1993) and PA Addendum (1995)
- Relative Risk Site Evaluation Model (RRSEM) (1996)
- Final SI (1997)
- Final SI Report for the Soil Investigation at Site 4 (2000)

A PA was conducted by NEESA in August and September of 1992. The purpose of the CMAGR PA was to look for any signs of hazardous waste disposals or spills. The PA included inspection of the area and a search of the historical records for evidence of past hazardous waste usage, storage, and disposal. It also included interviews with current and past CMAGR workers who might have personal knowledge of any waste disposal or spill sites. The findings from the PA are described in the report titled *Preliminary Assessment Report, Chocolate Mountain Aerial Gunnery Range, Niland, California* (NEESA, 1993). As a result of the PA, the Navy initially identified seven areas that needed additional study including Sites 1, 2, 3, 4, 5, 7, and 8. The U.S. Environmental Protection Agency (U.S. EPA) reviewed the PA and recommended the sites for no further action (SWDIV, 1995).

As a follow up action, a PA Addendum was prepared as a result of an agreement made between DTSC and the Navy's Southwest Division (SWDIV), at a site visit on June 13, 1995. The PA addendum provided additional findings from a background investigation and substantiated the recommendation of no further action at the sites. The background investigation resulted in no significant findings or evidence of hazardous waste disposal at Sites 1, 4, 5, 7, and 8, nor was there evidence of any release to the environment that would constitute a threat to human health or the environment (SWDIV, 1995). In addition, Site 2 and Site 3 were eliminated from the IR Program based on the PA Addendum findings. Site 2 (open burn site) was not subject to IR considerations since the site was located in an active live fire training range. Site 3 (diesel fuel stain) was closed in 1994 after approximately 45 cubic yards of contaminated soil was excavated and properly disposed of which included groundwater monitoring that revealed the groundwater had not been impacted from the spill.

In 1996, the Navy took soil samples at each of the five remaining sites. These results are provided in the *Summary of Results for the RRSEM Data Collection Effort at Chocolate Mountain Aerial Gunnery Range, Niland, California* (BNI, 1997a). Soil samples were collected at locations agreed upon by the Navy and DTSC during a site walk on November 4, 1996. They were sent to a lab and analyzed for a variety of chemicals that could present a risk to human health or the environment. These included volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and metals.

The Navy reviewed the lab results and the findings were documented in a *Final Site Inspection Report* (BNI, 1997b). The report concluded that the sites do not present a risk and recommended no further action. The regulatory agencies (U.S. EPA, DTSC, RWQCB, and DFG) agreed with the recommendation. However, except for U.S. EPA, their agreement was based on the condition that the Navy clean up the surface debris at each site. DTSC also requested that the Navy take more soil samples at Site 4 because there was evidence of possible contamination. DTSC issued a letter dated September 24, 1998, which recommended that targeted sampling be performed to collect surface soil samples to identify the nature of the discolored soil at Site 4.

Section 2 Site History and Investigation Activities

In 2000, the Navy conducted a soil investigation at Site 4. An SI report was prepared that documented the site investigation activities conducted at Site 4 and the surface restoration activities for Sites 1, 5, 7, and 8 (GEOFON, 2000). DTSC concurred with the no further action recommendation for Site 4 and the surface restoration activities performed at Sites 1, 5, 7, and 8 and requested preparation of a ROD/RAP (DTSC, 2001).

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Section 3

COMMUNITY PARTICIPATION

The Proposed Plan/Draft RAP (Proposed Plan) for CMAGR Sites 1, 4, 5, 7, and 8, in Niland, California, was issued in July 2003. The Proposed Plan was placed in the Administrative Record file for CMAGR. The documents used to identify and justify the selected action at Sites 1, 4, 5, 7, and 8 are also compiled in the Administrative Record file. These documents are available for public review at: Southwest Division, Naval Facilities Engineering Command, 1220 Pacific Highway, Building 129, San Diego, California 92132. The contact is Ms. Diane Silva at (619) 532-3676. A copy of the Administrative Record Index is included in Attachment A.

The notice of the availability of the Proposed Plan was published in the Imperial Valley Press newspaper on July 27, 2003. A copy of the public notice is provided in Attachment B. A 30-day public comment period was held from July 31 to August 29, 2003. The notice also announced the availability of the Administrative Record file for review. The Proposed Plan was mailed out to the residents of Niland, California and the state of California mandatory mailing list provided by DTSC. A public meeting was held at the Niland Chamber of Commerce on August 19th at 6:30 pm to 7:30 pm. Attachment C contains a transcript of the public meeting.

Responses to comments received during the public comment period are included in the Responsiveness Summary, which is part of this ROD/RAP.

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Section 4

SCOPE AND ROLE OF OPERABLE UNIT

In order to manage response actions at a given CERCLA site, a facility is often divided into several operable units. Because the sites at CMAGR are not complex and there is no significant contamination, it was not necessary to divide the site into operable units. Therefore, operable units have not been defined at CMAGR. This ROD/RAP addresses all media at all the sites at CMAGR.

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Section 5

SITE CHARACTERISTICS

This section summarizes the CMAGR characteristics, site investigations, and site backgrounds at Sites 1, 4, 5, 7, and 8. This section also summarizes the results of surface restoration activities at these sites. The interpretation of the nature and extent of contamination at the sites is based on data from the final SI Report (GEOFON, 2000).

5.1 CMAGR CHARACTERISTICS

The closest human receptors are the personnel at the SEAL Camp. The closest community is locally named "Slab City" and is located more than one mile upstream of the canal. The residents of Niland, California are four miles southwest of the sites (SWDIV, 1995).

Vegetation and wildlife are sparse in this area. Vegetation in the area consists mainly of creosote bush, mesquite, and an occasional cactus. Birds have been observed in the area of the canal only and not near the IR sites. The closest desert tortoise population is approximately one half mile north of Site 5. The density of tortoises in that area is less than 50 per square mile. Mammals have been observed primarily in the areas surrounding the canal. More have been observed in the mountainous regions, but none in the vicinity of the IR sites (SWDIV, 1995).

Groundwater generally occurs at greater than 100 feet below ground surface (bgs), but may be as deep as 200 feet bgs in some areas. Groundwater flows toward the Salton Sea. According to the Groundwater Level Contours of Shallow Aquifer System: Imperial Valley Map (USGS, 1974), there are no known wells within a four-mile radius of SEAL Camp (SWDIV, 1995).

Annual rainfall is estimated at less than three inches per year. The climate for this area is arid with hot, dry summers and mild winters. Summertime highs can be in excess of 110 degrees Fahrenheit; surface soil temperatures have been reported as exceeding 130 degrees Fahrenheit during the summers (SWDIV, 1995).

Most of CMAGR is located in the Salton Sea Drainage Basin. Elevations at the site range from approximately 110 to 165 feet above mean sea level (MSL), with the ground sloping southwest approximately 0.9 percent toward the Salton Sea. The nearest surface water body is Coachella Canal, located directly west of the SEAL Camp. Water from Coachella Canal diverts to a series of open channel drains which supply water to commercial agricultural fields west of CMAGR. Storm water runoff in the SEAL camp area generally flows west via the Iris Wash toward the Coachella Canal (URS, 1994). Iris Wash and another unnamed wash border the sites on the southeast and northwest sides, respectively. Both washes are broad, intermittent streams that are usually dry, but may experience short-term intense flows during and immediately after rainstorms. Siphons channel the canal beneath locations where alluvial washes cross the canal. The alluvial washes flow toward the Salton Sea, which is approximately 10 miles west and downstream of the SEAL Camp (SWDIV, 1995).

5.2 SITE INVESTIGATIONS

5.2.1 Preliminary Assessment

The possibility of contamination from these sites initiated a PA that was conducted in August and September 1992 by NEESA (1993). The PA identified seven sites that were potential IR sites that required further study including Sites 1, 2, 3, 4, 5, 7, and 8. Sites 2 and 3 were later eliminated from further consideration under the IR Program. Site 2 is not subject to the IR Program because it is an active firing range. Site 3 was closed in 1994 after approximately 45 cubic yards of contaminated soil was excavated and properly disposed of and after groundwater sampling revealed that the groundwater had not been impacted from the spill.

The PA recommended that a Site Inspection (SI) be conducted at CMAGR. The U.S. EPA reviewed the PA and provided comments on the document. In a report titled *Federal Facility PA Review, Chocolate Mountain Aerial Gunnery Range, Niland, California*, April 1994, the U.S. EPA recommended the sites for no further action.

A draft Addendum to the PA was then prepared to provide further justification for a no further action decision at these sites as a result of an agreement made between the Navy, DTSC, and the RWQCB Colorado Region (SWDIV, 1995). The PA Addendum provided additional investigation findings and substantiated the recommendation of no further action at the site.

5.2.2 Relative Risk Site Evaluation Model

Sites 1, 4, 5, 7, and 8 were included in the RRSEM data collection effort. The purpose of the RRSEM was to support the Navy in collecting data concerning the potential presence of hazardous substance contamination at the subject sites. Samples collected for the RRSEM data collection effort were taken in the area expected to have the most contamination (e.g., darkest stain on the soil, lowest area at the site where contaminants would be expected to pool, etc.). Additionally, the Navy received DTSC and the RWQCB input on selecting sampling locations in the field (site walk on November 4, 1996) so that the results could be incorporated into the SI.

Based on the RRSEM data collection effort, if no contamination was found, the sites would be closed. Data collected as a result of this effort were entered into the RRSEM database so that SWDIV could evaluate the sites and estimate future funding needs for environmental restoration work. The results of this data collection were provided in the *Summary of Results for the RRSEM Data Collection Effort at CMAGR Report* (BNI, 1997a). All results were below residential preliminary remediation goals (PRGs) except for arsenic and beryllium, which were within background levels.

5.2.3 Site Inspection

During the preparation of an SI Workplan (HLA, 1995), more extensive interviews were conducted than during the PA and records and aerial photographs of the sites were

Section 5 Site Characteristics

reviewed. The background investigation resulted in no significant findings or evidence of hazardous waste disposal at Sites 1, 4, 5, 7, and 8, nor was there evidence of any releases to the environment that would constitute a threat to human health or the environment (BNI, 1997a).

The final SI Report summarized results of the RRSEM and compared laboratory analytical results to human-health risk criteria (BNI, 1997b).

5.2.4 Site Inspection for the Soil Investigation at Site 4

Further soil investigation was conducted at Site 4 in response to the DTSC's request to more adequately characterize the discolored soil area. Soil samples close to the ground surface were collected during the first phase of the investigation to identify the nature of the discolored soil. Soil samples were collected at a depth of 2.5 feet bgs during the second phase of the investigation to evaluate the burned areas with elevated concentrations of dioxin and arsenic identified during Phase I. Reported concentrations of SVOCs and PCBs were below risk comparison criteria. Dioxin concentrations were reported to be below the residential PRGs in all subsurface soil samples. Metals were reported below risk comparison criteria or within natural background ranges. Site 4 was recommended for no further action (GEOFON, 2000).

5.3 SITE BACKGROUND

A summary of analytical results for samples collected from Sites 1, 4, 5, 7, and 8 at CMAGR are presented in Table 5-1.

5.3.1 Site 1 – Drum Disposal Area

Site 1 covered an area about 100 feet long by 30 feet wide (see Figure 5-1). The topography is rough and rocky and the vegetation sparse in this area. No wildlife has been observed in this area. Approximately 30 empty, rusted drums, along with drum lids, clamp rings, vehicle parts, ammunition boxes, broken glass, and empty metal containers were found at this site. Many of the drums contained bullet holes. Records showed that a drum recycler cleaned the drums before they were brought onto the range for use as targets.

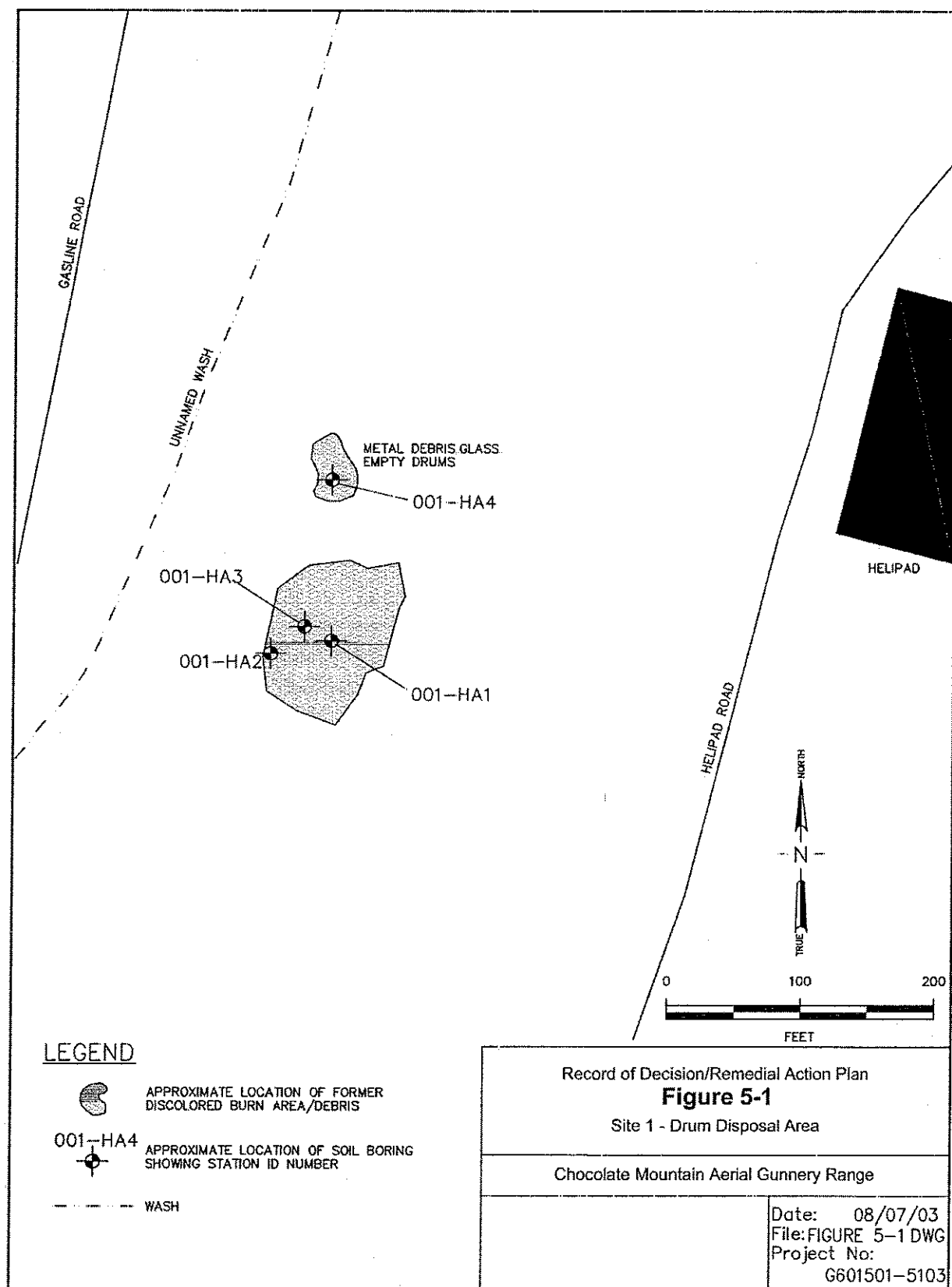
Four boreholes were advanced during the RRSEM data collection effort. Three boreholes were placed in the large debris pile and one borehole was placed in the smaller debris area. One surface sample and one subsurface sample were taken from each borehole. The subsurface samples were taken at approximately 5 to 6 feet bgs. The samples that were taken at Site 1 were analyzed for VOCs, SVOCs, metals, pesticides, and PCBs. The only chemicals that were detected in the analyses were common laboratory contaminants and metals (BNI, 1997b).

Table 5-1
Summary of Analytical Results from Sites 1, 4, 5, 7, and 8
(Values reported in milligrams/kilogram)

Compound	Site 1	Site 4/8	Site 5	Site 7	Residential PRG ^a	Industrial PRG
Bromochlorobenzene Isomer	0.3	ND ^b	ND	ND	(-) ^b	(-)
Toluene	ND	0.005	0.03	ND	790	880
1,1,1-trichloroethane	ND	ND	0.009	ND	1,200	3,000
Aluminum	11,400	12,300	10,000	12,500	77,000	100,000
Antimony	0.18	0.25	0.31	0.21	31	680
Arsenic	7	7	10	7	0.38	2.4
Barium	146	186	221	143	5,300	100,000
Beryllium	0.56	0.61	0.52	0.6	0.14	1.1
Cadmium	0.15	0.96	0.31	0.14	9.0	850
Chromium (Total)	14.8	15.2	10.3	11.4	210	450
Cobalt	5.41	5.66	4.82	4.73	4,600	97,000
Copper	10.2	13.8	12.8	8.8	2,800	63,000
Lead	8	18.1	8.83	8.05	130	1,000
Manganese	279	3,510	230	261	3,200	43,000
Nickel (and its soluble salts)	12	14.3	9.6	9.3	150 ^c	34,000 ^c
Silver	0.05	0.06	0.02	0.01	380	8,500
Thallium	0.18	0.24	0.14	0.14	5.4	120
Vanadium	28	29	25	25	540	12,000
Zinc	40.2	661	43.4	33.3	23,000	100,000

Notes:

- ^a PRG – Preliminary Remediation Goal
^b ND – Not detected above laboratory detection limit. (-) indicates PRG not established.
^c Represents California-modified PRGs
 Shaded value indicates result above respective residential PRG.



5.3.2 Site 4/8 – Discolored Soil Burn Area and Scrap Metal Pile

The observed scrap metal pile (originally identified as Area B and later renamed Site 8) consisted of vehicle parts, engines, metal straps, paint cans, ammunition cases, food tins, bottles, and unidentifiable metal objects. The scrap metal pile was approximately 60 feet in diameter and 8 feet high and was located adjacent to an area identified as the Discolored Soil Burn Area, Site 4 (see Figure 5-2). Site 4 is approximately 30 feet by 15 feet and has been graded.

Four boreholes were advanced during the RRSEM data collection effort. Three boreholes were placed in the large debris pile and one borehole was placed in the discolored soil burn area. One surface sample and one subsurface sample were taken from each borehole. The subsurface samples were taken at approximately 5 to 6 feet bgs (BNI, 1997a).

The discolored soil burn area (Site 4) was created by a one-time event where tires were burnt off scrap airplane wheels. The samples that were taken from the discolored soil burn area were analyzed for VOCs, SVOCs, metals, pesticides, and PCBs. Common laboratory contaminants, toluene, and phthalates were reported in laboratory samples. Polycyclic aromatic hydrocarbons (PAHs), PCBs, and pesticides were not detected in this area. While the soil was discolored, no hazardous compounds were detected.

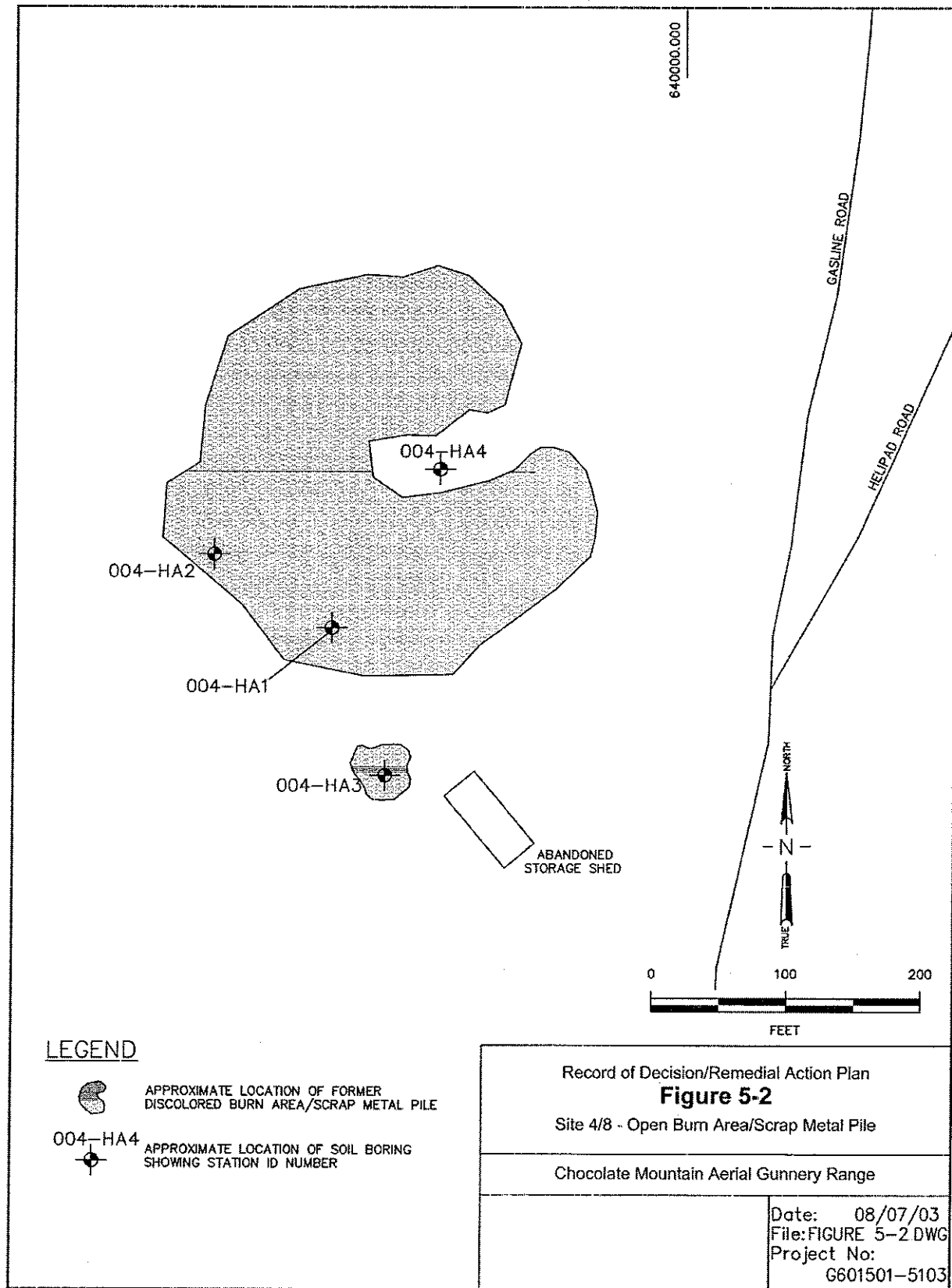
The samples that were taken from the scrap metal pile (Site 8) were analyzed for VOCs, SVOCs, metals, pesticides, and PCBs. The only chemicals that were reported in the analyses were common laboratory contaminants and metals (BNI, 1997a).

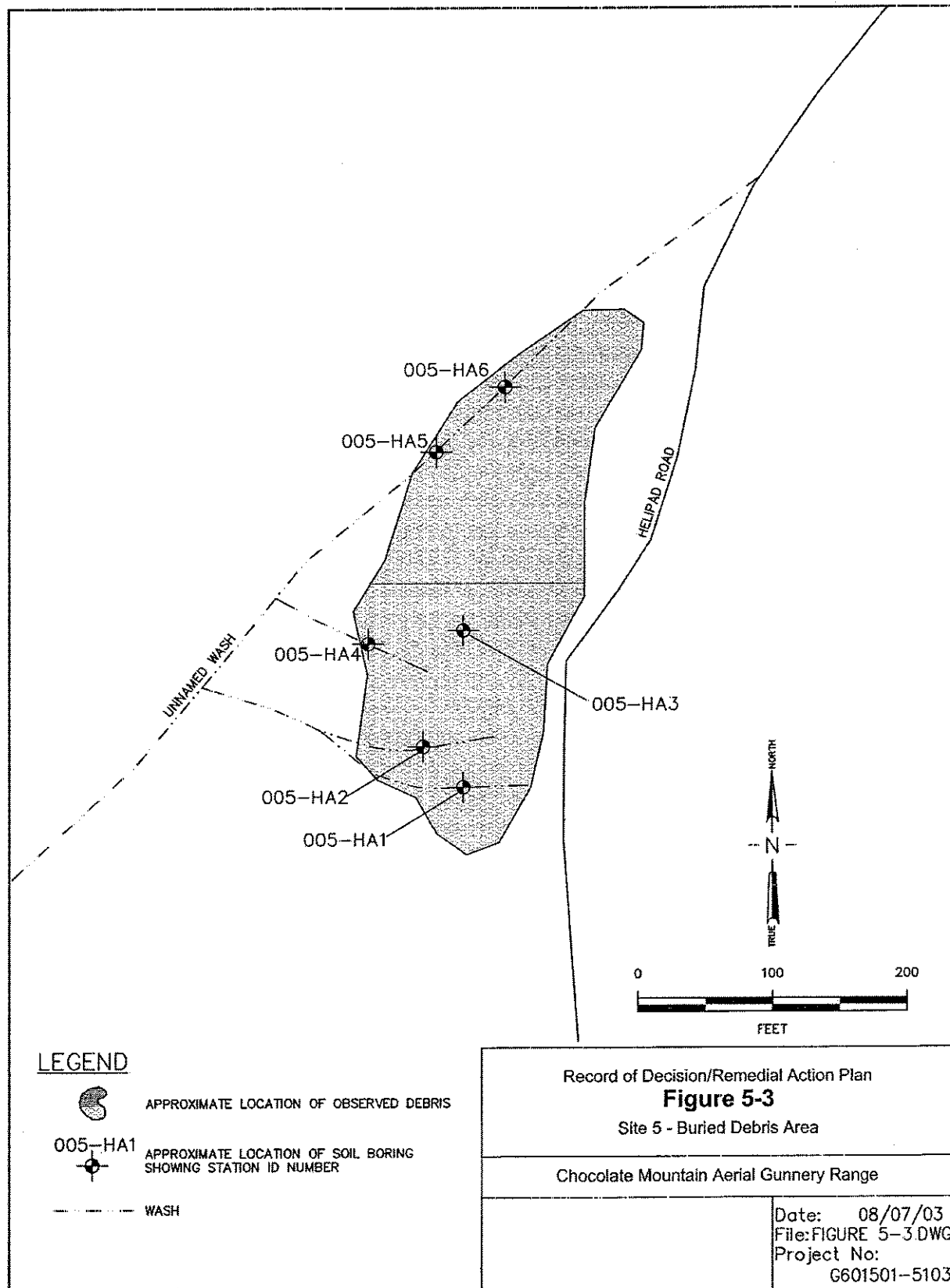
Further soil investigation was conducted at Site 4 during 2000 in response to the DTSC's request to more adequately characterize the discolored soil area. Soil samples close to the ground surface were collected during the first phase of the investigation to identify the nature of the discolored soil. Soil samples were collected at a depth of 2.5 feet bgs during the second phase of the investigation to evaluate the burned areas with elevated concentrations of dioxin and arsenic identified during Phase I. Low concentrations of metals, dioxin, SVOCs, and PCBs were reported. Based on the soil sampling results and the residential PRG comparison, as discussed later in Section 7, Site 4 was recommended for no further action. The results of this investigation are reported in the *Final Site Inspection Report, Soil Investigation at Site 4* (GEOFON, 2000).

5.3.3 Site 5 – Buried Debris Area

Surface debris observed in the area of Site 5 included scrap metal, smoke grenade canisters, flare casings, cans, bottles, other empty containers, metal ammunition boxes, shell casings, and 55-gallon drum lids. Metal debris was distributed throughout an area approximately 500 feet long by 100 feet wide (see Figure 5-3). Surface soil in the vicinity appeared to be extremely disturbed.

Section 5 Site Characteristics





Section 5 Site Characteristics

Six boreholes were advanced during the RRSEM data collection effort. All boreholes were placed in the large debris pile. One surface sample and one subsurface sample were collected from each borehole. The subsurface samples were taken at approximately 5 to 6 feet bgs. The samples that were taken from the Site 5 were analyzed for VOCs, SVOCs, metals, pesticides, and PCBs. The only chemicals that were reported in the analyses were common laboratory contaminants, 1,1,1-trichloroethane, and metals (BNI, 1997a).

5.3.4 Site 7 – Open Trench

Debris was located in the area identified as the Open Trench (Site 7). The open trench was approximately 65 feet long by 15 feet wide with debris extending to approximately 5 feet bgs (see Figure 5-4). Debris included brake shoes, flare casings, cans, bottles, aerosol cans, plastic 5-gallon buckets, smoke grenade canisters, metal straps, ammunition boxes, an empty swamp cooler unit, and household trash.

Two boreholes were advanced during the RRSEM data collection effort. One borehole was placed in the trench area and one placed slightly outside of the trench. One surface sample and one subsurface sample were collected from each borehole. The subsurface samples were taken at approximately 8 to 9 feet bgs in the trench and 5 to 6 feet bgs outside of the trench. The samples that were taken from Site 7 were analyzed for VOCs, SVOCs, metals, pesticides, and PCBs. The only chemicals that were detected in the analyses were common laboratory contaminants and metals (BNI, 1997a).

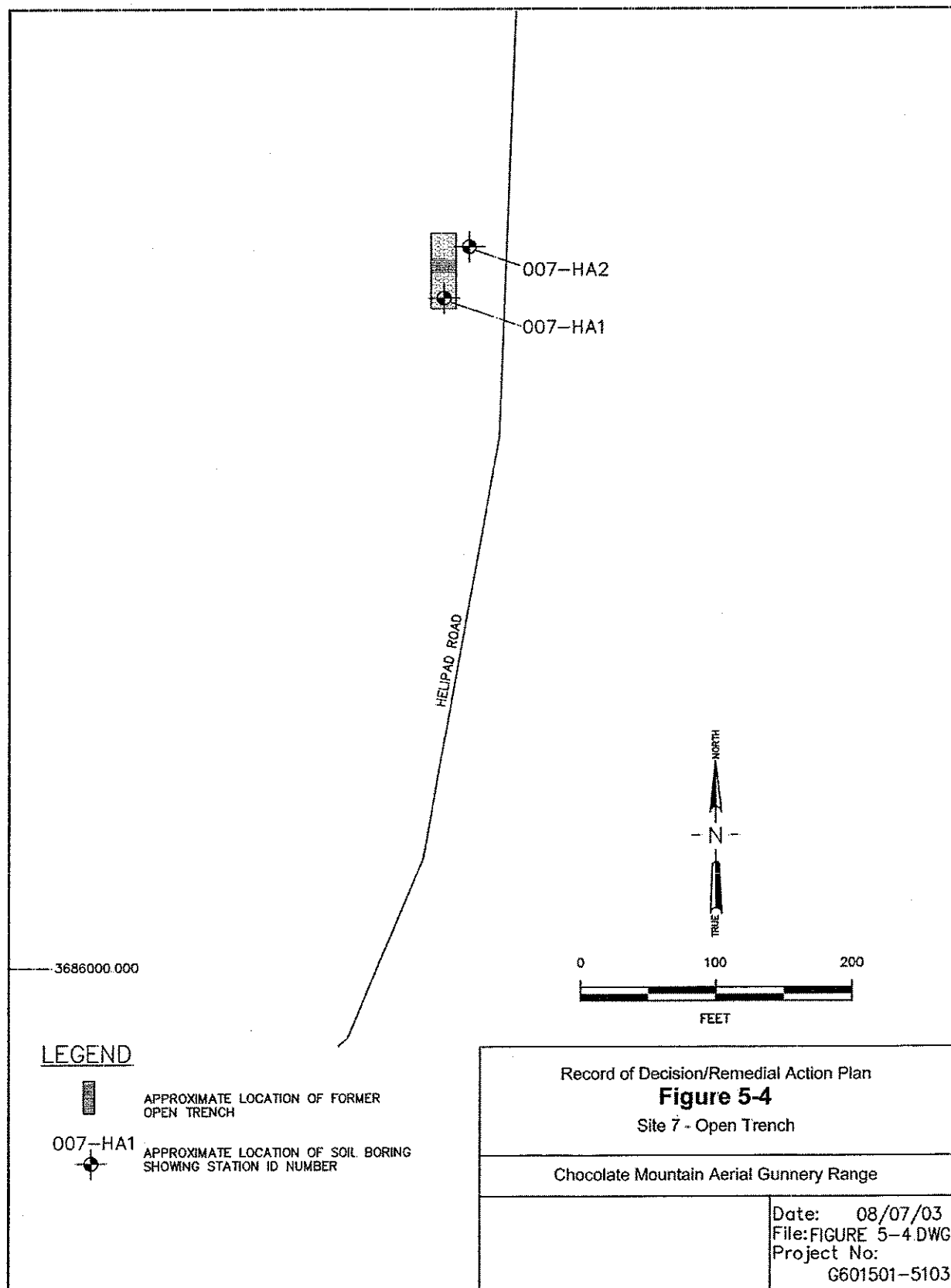
5.4 RESTORATION ACTIVITIES

DTSC, RWQCB, and DFG concurred with Navy's recommendation for no further action in the Final SI Report for Sites 1, 5, 7, and 8 with the condition that site surface restoration activities and habitat management recommendations from DFG be implemented.

In 2000, the Navy consolidated various nonhazardous debris from Sites 1 and 7 and buried the debris in the open trench at Site 7, away from the desert wash. Debris from Sites 4 and 5 was consolidated with the scrap metal pile at Site 8. The consolidated debris along with the scrap metal pile at Site 8 was then removed and properly disposed of off-site. In 2000, the Navy also conducted a final site soil investigation at Site 4 per DTSC's request. As part of the investigation, 100 cubic yards of discolored surficial soil was excavated and disposed off-site. DTSC then concurred with a no further action determination at Site 4. Then the Navy backfilled areas where debris was removed, as well as the open trench at Site 7, with up to 2 feet of native soil fill. Sites were re-graded to natural contours.

The analytical results for the remaining soil at Sites 1, 4, 5, 7, and 8 confirm that there is no elevated risk to human health or the environment. No monitoring or land use restrictions are required to address chemicals present in soil and/or groundwater as a result of operations at the sites.

Section 5 Site Characteristics



Section 6

CURRENT AND POTENTIAL FUTURE LAND AND RESOURCE USES

The current and potential future land and resource uses were considered during preparation of the PA Addendum report (URS, 1995). The land, groundwater, and surface water uses are summarized below.

6.1 LAND USES

The current land use of CMAGR is as an aerial gunnery and bombing training range. This has been the land use since the 1940s. Fences and barriers restrict public access to CMAGR. It is anticipated that this land use will continue into the foreseeable future. A maximum of 60 military personnel are present at the SEAL Camp during training activities. The closest human receptors are the personnel at the SEAL Camp, approximately one-half mile south of the sites. It is unlikely that these sites will be used for residential purposes (URS, 1995).

6.2 GROUNDWATER USES

Groundwater generally occurs at greater than 100 feet bgs, but may be as deep as 200 feet bgs in some areas. Groundwater flows toward the Salton Sea. It should be noted that during soil sampling at Site 3 (a petroleum site exempt from CERCLA) groundwater was encountered at approximately 20 feet bgs, indicating that perched groundwater may occur near unlined portions of the Coachella Canal due to seepage. Groundwater is not utilized for drinking within 4 miles of the SEAL Camp area. Instead, drinking water is brought to the SEAL Camp by truck. The nearest well to the SEAL Camp area is located approximately 10 miles from the Camp along Beal Road (URS, 1995).

6.3 SURFACE WATER USES

Surface runoff in the vicinity of the SEAL Camp flows west via the Iris Wash to the Salton Sea and Coachella Canal. Coachella Canal supplies water to nearby agricultural fields and is used for fishing. Water used for showers and washing dishes is obtained from the Coachella Canal (URS, 1995). The closest community is locally named "Slab City" located more than one mile upstream of the canal (BNI, 1997b).

The Salton Sea, located approximately 10 miles downstream of the SEAL Camp, is the location of a National Wildlife Refuge and serves as a fishery and habitat for the federally endangered Yuma clapper rail (*Rallus longirostris yumanensis*), the state threatened endangered Razorback (*Xyrauchen texanus*). The federally threatened Desert tortoise (*Gopherus agassizii*) inhabits areas within 15 miles downstream of the SEAL Camp area (URS, 1995).

Section 6 Current and Potential Future Land and Resource Uses

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Section 7**SUMMARY OF SITE RISKS**

An evaluation of human-health and ecological risks was conducted for the sites given the current conditions (i.e., no action taken). Site risks were considered during preparation of the SI report for Sites 1, 4, 5, 7, and 8 (BNI, 1997b). Site risks were also considered in the SI report for the soil investigation at Site 4 (GEOFON, 2000). This section summarizes the human-health and ecological risks at CMAGR.

7.1 HUMAN-HEALTH RISK

The exposure pathways at CMAGR potentially include inhalation of vapors and dusts from the soil, ingestion of soil and dermal adsorption from contact with soil. Pathways such as human ingestion of plants and animals are not appropriate in this harsh desert environment.

As discussed in Section 5, samples were collected from the sites during the RRSEM in locations agreed upon by the Navy, RWQCB, and DISC during a site walk on November 4, 1996. The maximum concentrations reported during this sampling event were compared to the U.S. EPA Region IX 1996 PRGs for residential exposure. The PRG values were chosen as the appropriate values for comparison because they include all the necessary toxicity data for each route of exposure expected at CMAGR. All results were below residential PRGs except for arsenic and beryllium, which are within background levels and a single result for manganese.

The soil background levels were determined using soil samples collected for the U.S. Department of Interior National Irrigation Water Quality Program in the western United States. Therefore, while the concentrations of arsenic and beryllium are greater than the residential PRGs, these concentrations are due to natural variance of metals concentrations common to these soil types (BNI, 1997b).

At Site 4, soil samples collected in the soil investigation conducted during 2000 were also compared to U.S. EPA Region IX residential PRGs. Reported concentrations of SVOCs and PCBs were below residential PRGs. Dioxin concentrations were reported to be below the residential PRGs in all subsurface soil samples. Metals were reported below residential PRGs or within natural background ranges (GEOFON, 2000).

7.2 ECOLOGICAL RISK

Ecological risk was considered qualitatively at CMAGR, even though no contamination was found at Sites 1, 4, 5, 7, and 8. Both plant and animal species were considered.

Vegetation and wildlife are sparse in the CMAGR area. Vegetation consists mainly of creosote bush, mesquite, and some cacti. Birds and mammals have been observed in the area of the Coachella Canal, and some mammals have been observed in the mountainous areas, but none have been reported near the IR sites.

The closest desert tortoise population (a protected species), estimated to be less than 50 tortoises per square mile, is approximately one-half mile north of Site 5. Because the

tortoises are in a location that would not be impacted by the IR sites and their home range is small, they are not likely to be affected.

Groundwater at CMAGR is very deep, generally more than 100 feet below the ground surface and, therefore, is not accessible to wildlife as a source of drinking water (NEESA, 1993). It was concluded that the CMAGR IR sites pose no risk to ecological receptors.

Section 8

DOCUMENTATION OF SIGNIFICANT CHANGES

The Proposed Plan for the IR sites was released for public comment from July 31 to August 29, 2003. The Proposed Plan identified no further action as the appropriate response for these sites.

The DON has reviewed all written and oral comments submitted during the public comment period. Upon review of these comments, it was determined that no significant changes to the selected remedial action of no further action, as it was originally identified in the Proposed Plan, were necessary or appropriate.

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PART III: RESPONSIVENESS SUMMARY

Section 1

STAKEHOLDER ISSUES AND LEAD AGENCY RESPONSES

The purpose of the Responsiveness Summary is to provide an opportunity for the Navy to review and respond to the public's comments about the Proposed Plan of no further action for the Chocolate Mountain Aerial Gunnery Range (CMAGR). The Proposed Plan/Draft Remedial Action Plan (Proposed Plan) for CMAGR Sites 1, 4, 5, 7, and 8 was issued in July 2003.

The Proposed Plan was placed in the Administrative Record file for CMAGR and mailed out to the residents of Niland, California and the state of California mandatory mailing list. The notice of the availability of the Proposed Plan was published in the Imperial Valley Press newspaper on July 27, 2003. A copy of the public notice is provided in Attachment B. A 30-day public comment period was held from July 31 to August 29, 2003. No written comments were received from the public in response to the Proposed Plan.

A public meeting was held at the Niland Chamber of Commerce on August 19th at 6:30 pm to 7:30 pm. Attachment C contains a transcript of the public meeting. At the public meeting, the Navy presented information about the CMAGR site background, the current status of each site, the site investigation results, and the proposal for no further action at Sites 1, 4, 5, 7, and 8. No changes to the proposal of no further action were requested by the public. One comment was received from a community member regarding the interest of the Niland Chamber of Commerce in the activities at CMAGR and commending the Navy on the presentation topics. The Navy acknowledges and appreciates the feedback.

Section 1 Stakeholder Issues and Lead Agency Responses

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Section 2

TECHNICAL AND LEGAL ISSUES

No technical or legal comments were received from the public or other stakeholders regarding the no further action proposal.

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REFERENCES

- BNI. See Bechtel National, Inc.
- Bechtel National, Inc. 1997a. Summary of Results for the RRSEM Data Collection Effort at Chocolate Mountain Aerial Gunnery Range, Niland, California. February.
- Bechtel National, Inc. 1997b. Site Inspection Report for Sites 1, 4, 5, 7, and 8, Chocolate Mountain Aerial Gunnery Range, Niland, California. November.
- DON 2002. Proposed Plan/Draft Remedial Action Plan for Chocolate Mountain Aerial Gunnery Range IRP Sites 1, 4, 5, 7, and 8. September.
- DTSC 1998. Letter correspondence from Milasol C. Gaslan, DTSC, to Kelli Hill, DON. 22 April.
- DTSC 2001. Letter correspondence from Sheila Lowe, DTSC, to Michael Gonzalez, DON. 21 February.
- GEOFON 2000. Soil Investigation at IR Site 4, Chocolate Mountain Aerial Gunnery Range (CMAGR), Niland California. December 21.
- Harding Lawson Associates 1995. Preliminary Draft Site Inspection Workplan, Navy SEAL Team One Training Range, Chocolate Mountain Aerial Gunnery Range, Niland, California. 7 April.
- NEESA 1993. Preliminary Assessment for Chocolate Mountain Aerial Gunnery Range IRP Sites 1, 4, 5, 7, and 8. July.
- SWDIV 1995. Draft Addendum to Preliminary Assessment Report, Chocolate Mountain Aerial Gunnery Range, Niland, California. 31 August.
- URS. See URS Consultants, Inc.
- URS Consultants, Inc. 1994. Federal Facility PA Review. April 8.

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ATTACHMENTS

Attachment A

ADMINISTRATIVE RECORD INDEX

CHOCOLATE MOUNTAIN

DRAFT ADMINISTRATIVE RECORD FILE INDEX - UPDATE (SORTED BY RECORD DATE/RECORD NUMBER)

UIC No. / Rec. No. Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient Affil. Recipient	Subject/Comments	Classification	Keywords	Sites	Location FRC Access. No. Box No. CD No.
N69101 / 000068 NONE RPT NONE 00007	10-23-2002 03-12-1991 NONE	NAVFAC - SOUTHWEST DIVISION J. FARRIS MCAS YUMA	TRIP REPORT DETAILING FIELD VISIT OF SUSPECTED INSTALLATION RESTORATION SITES (INCLUDES PHOTO LOG OF SITE VISIT)	ADMIN RECORD BASE	DRUMS HAZ WASTE IRP PA SI		CHOICE IMAGING SOLUTIONS SW03052201 SW03052201
N69101 / 000069 SWDIV SER 1812.JP/1729 1812.JP/1729 MEMO NONE 00001	10-23-2002 02-06-1992 NONE NONE	NAVFAC - SOUTHWEST DIVISION DIVISION D. SAKAMOTO MCAS YUMA COMMANDING OFFICER	NOTIFICATION THAT THE SITE VISIT AND VISUAL INSPECTION OF ACTIVITY REVEALED EVIDENCE OF OPEN BURNING THE PRACTICE OF WHICH IS PROHIBITED BY THE AIR POLLUTION CONTROL DISTRICT WITH REQUEST THAT ACTIVITY DISCONTINUE THIS PRACTICE	ADMIN RECORD BASE	SOIL SOLVENTS AIR DERA GW IRP LF		CHOICE IMAGING SOLUTIONS SW03052201
N69101 / 000054 SWDIV SER 1812.JO/2223 1812.JO/2223 LTR NONE 00003	02-11-2002 10-26-1992 NONE NONE	NAVFAC - SOUTHWEST DIVISION DIVISION L. NUZUM NEESA - PORT HUENEME COMMANDING OFFICER	TRANSMITTAL OF SUPPORT DOCUMENTATION FOR THE PREPARATION OF A PRELIMINARY ASSESSMENT	ADMIN RECORD BASE	SOIL PA	001 002 003 004 005 006 007 008 009 010 011 012 013	BECHTEL NATIONAL BNI - 03/25/03

UIC No. / Rec. No. Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient Affil. Recipient	Subject/Comments	Classification	Keywords	Sites	Location FRC Access, No. Box No. CD No.
N69101 / 000063 SWDIV SER 1813/2850 1813/2850 MISC NONE 00014	04-17-2002 08-11-1993 NONE NONE	NAVFAC - SOUTHWEST DIVISION DIVISION A. MUCKERMAN MCAS YUMA COMMANDING OFFICER	INFORMATION REGARDING THE REMEDIAL ACTION CONTRACT FOR SEAL CAMP WITH ENCLOSURES OF PUBLIC WORKS CENTER ANALYTICAL DATA, INFORMATION ON THE DIESEL FUEL STAIN SITE REMOVAL ACTION, & THE PRELIMINARY ASSESSMENT REPORT (NOT INCLUDED)	ADMIN RECORD BASE	ARSENIC DATA METALS PA QA QC REMEDIAL REMOVAL SOIL SOW SV TPH TRPH WATER	001 002 003 004 005	BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000064 SWDIV SER 1813.JP/4047 1813.JP/4047 XMTL NONE 00004	04-17-2002 11-17-1993 NONE NONE	NAVFAC - SOUTHWEST DIVISION DIVISION A. MUCKERMAN DEPT OF INTERIOR, CRWQCB, DTSC HUDSON, LUKENS, SCANDURA	TRANSMITTAL OF THE DRAFT CONSTRUCTION PLAN, CONTRACTOR QUALITY CONTROL PLAN ADDENDA, AND THE SITE HEALTH AND SAFETY PLAN FOR THE PETROLEUM CONTAMINATED AREAS SOIL EXCAVATION AND REMOVAL W/O ENCLOSURES	ADMIN RECORD BASE	PA QC REMOVAL SOIL SSHIP	001 002 003 004 005	BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000065 NONE LTR NONE 00002	04-17-2002 12-14-1993 NONE	CRWQCB - PALM DESERT R. LUKENS R. LUKENS NAVFAC - SOUTHWEST DIVISION J. PAYNE	COMMENTS ON THE DRAFT CONSTRUCTION PLAN & DRAFT SAMPLING AND ANALYSIS PLAN FOR THE DIESEL FUEL STAIN SITE REMEDIAL ACTION	ADMIN RECORD BASE	COMMENTS DUST GW METALS REMEDIAL SOIL SOIL BORING TPH VOC WATER	003	BECHTEL NATIONAL BNI - 03/25/03

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Subject/Comments	Classification	Keywords	Sites	Location
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Approx. # Pages	EPA Cat. #	CTO No.	Recipient					Box No.
								CD No.
N69101 / 000044	12-28-2000	01-01-1994	OHM	FINAL CONSTRUCTION PLAN - SOIL	ADMIN RECORD	AIR	003	BECHTEL
OHM PROJECT	01-01-1994	DO029	REMEDICATION	REMOVAL ACTION AT THE CONTAMINATED	BASE	BTEX		NATIONAL
#15200	DO029		C. JESPERSEN &	SOIL STOCKPILE (INCLUDES HEALTH &		DISPOSAL		
#15200	DO029		C. JESPERSEN &	SAFETY PLAN, SAMPLING AND ANALYSIS		DUST		BNI - 03/25/03
PLAN			B. VAN WAGNER	PLAN, AND CQC PLAN ADDENDUM)		H&SP		
N47408-92-D-3042			NAVFAC -			PERMIT		
00400			SOUTHWEST			QC		
			DIVISION			REMOVAL		
			DIVISION			SAP		
						SB		
						SEDIMENTS		
						SOIL		
						TPH		
						WATER		
N69101 / 000002	11-27-2000	05-11-1994	CRWQCB - PALM	COMMENTS ON THE FINAL REPORT FOR	ADMIN RECORD	COMMENTS	003	BECHTEL
NONE	05-11-1994		DESERT	PETROLEUM CONTAMINATED SOIL	BASE	PETROLEUM		NATIONAL
LTR	NONE		S. CHAKLADAR	REMOVAL ACTION (SEE AR #3 & 9 -		REMOVAL		
NONE			S. CHAKLADAR	COMMENTS BY DTSC & DEPT. OF THE		SOIL		BNI - 03/25/03
00002			NAVFAC -	INTERIOR)				
			SOUTHWEST					
			DIVISION					
N69101 / 000055	02-11-2002	05-20-1994	J. PAYNE	RESULTS OF REVIEW OF PRELIMINARY	ADMIN RECORD	NFA		BECHTEL
NONE	05-20-1994		US EPA - SAN	ASSESSMENT: EPA CERTIFIES THAT PA	BASE	NPL		NATIONAL
LTR	NONE		FRANCISCO	REQUIREMENTS HAVE BEEN MET FOR		PA		
NONE			T. MIX	FACILITY AND CONCURS WITH NO		SARA		BNI - 03/25/03
00001			T. MIX	FURTHER ACTION DECISION (W/O				
			NAVFAC -	ENCLOSURE)				
			SOUTHWEST					
			DIVISION					
N69101 / 000003	11-27-2000	06-01-1994	J. PAYNE	REVIEW AND COMMENTS ON THE FINAL	ADMIN RECORD	COMMENTS	003	BECHTEL
NONE	06-01-1994		DTSC, LONG	REPORT FOR PETROLEUM CONTAMINATED	BASE	PETROLEUM		NATIONAL
LTR	NONE		BEACH, CA	SOIL REMOVAL ACTION (SEE AR #2 & 9 -		REMOVAL		
NONE			J. ZARNOCH	COMMENTS BY CRWQCB & DEPT. OF THE		SOIL		BNI - 03/25/03
00005			J. ZARNOCH	INTERIOR)				
			NAVFAC -					
			SOUTHWEST					
			DIVISION					
			A. MUCKERMAN					

UIC No. / Rec. No. Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient	Subject/Comments	Classification	Keywords	Sites	Location FRC Access. No. Box No. CD No.
N69101 / 000004 NONE LTR NONE 00002	11-27-2000 06-14-1994 NONE	CRWQCB - PALM DESERT S. CHAKLADAR S. CHAKLADAR U.S. EPA, SAN FRANCISCO, CA	COMMENTS ON THE SITE ASSESSMENT REPORT PREPARED FOR THE U.S. EPA, CONCERNING CERCLA EVALUATION (SEE AR #5 - COMMENTS BY CRWQCB)	ADMIN RECORD BASE	COMMENTS		BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000005 NONE LTR NONE 00002	11-27-2000 06-15-1994 NONE	J. QUINT CRWQCB - PALM DESERT R. PERDUE R. PERDUE MCAS, YUMA, AZ COMMANDING OFFICER	COMMENTS ON THE SITE ASSESSMENT REPORT PREPARED FOR THE U.S. EPA CONCERNING CERCLA EVALUATION (SEE AR #4 - COMMENTS BY CRWQCB)	ADMIN RECORD BASE	COMMENTS		BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000006 NONE LTR NONE 00001	11-27-2000 07-26-1994 NONE	CRWQCB - PALM DESERT R. PERDUE R. PERDUE MCAS, YUMA, AZ E. HOLCOMB	RESPONSE TO REQUEST FOR AN EXTENSION TO THE DEADLINE FOR THE SITE CHARACTERIZATION, APPROVED BY REGULATOR (SEE AR #7 - ADDITIONAL LETTER)	ADMIN RECORD BASE	CHARACTERIZAT		BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000001 NONE MEMO NONE 00001	11-27-2000 08-03-1994 NONE	CRWQCB - PALM DESERT S. CHAKLADAR MCAS YUMA E. L. HOLCOMB	REVIEW AND COMMENTS OF THE DRAFT SITE HEALTH AND SAFETY PLAN	ADMIN RECORD BASE	COMMENTS H&SP		BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000056 NONE LTR NONE 00002	02-11-2002 08-03-1994 NONE	CRWQCB - PALM DESERT S. CHAKLADAR MCAS YUMA E. HOLCOMB	COMMENTS ON THE DRAFT HEALTH AND SAFETY PLAN, DATED OCTOBER 1993	ADMIN RECORD BASE	COMMENTS H&SP METALS SOIL SOP	003	BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000007 NONE LTR NONE 00001	11-27-2000 08-05-1994 NONE	CRWQCB - PALM DESERT S. CHAKLADAR S. CHAKLADAR MCAS, YUMA, AZ E. HOLCOMB	TELEPHONE CONVERSATION HELD BETWEEN CRWQCB & SWDIV ON 8/3/94, REGARDING REQUEST FOR AN EXTENSION TO THE DEADLINE FOR THE SITE CHARACTERIZATION (SEE AR #6 - ORIGINAL RESPONSE TO REQUEST)	ADMIN RECORD BASE	CHARACTERIZAT		CHOICE IMAGING SOLUTIONS SW03052201

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Subject/Comments	Classification	Keywords	Sites	Location
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								CD No.
N69101 / 000008	YAO-2740	11-27-2000	DEPT OF THE	RESPONSE TO 19 AUGUST 1994 REQUEST	ADMIN RECORD	GW		BECHTEL
LTR		NONE	INTERIOR, YUMA, AZ	FOR THE INSTALLATION OF TEMPORARY	BASE	MONITORING		NATIONAL
NONE			J. SZEMORE	GROUNDWATER MONITORING WELLS		WELLS		
00001			MCAS, YUMA, AZ					BNI - 03/25/03
			E. HOLCOMB					BNI - 03/25/03
N69101 / 000009	YAO-2710	11-27-2000	DEPT OF THE	COMMENT ON THE FINAL REPORT FOR	ADMIN RECORD	COMMENTS	003	BECHTEL
LTR		09-09-1994	INTERIOR, YUMA, AZ	PETROLEUM CONTAMINATED SOIL	BASE	PETROLEUM		NATIONAL
NONE		NONE	G. BRYANT	REMOVAL (WITH ENCLOSURE) (SEE AR #2		REMOVAL		
NONE			NAVAC -	& 3 - COMMENTS BY CRWQCB & DTSC}		SOIL		BNI - 03/25/03
00004			SOUTHWEST					BNI - 03/25/03
			DIVISION					
			D. HUEY					
N69101 / 000057	SWDIV SER	02-11-2002	SWDIV	TRANSMITTAL OF LAW/CRANDALL, INC.	ADMIN RECORD	DRUMS		BECHTEL
1812.DH/816	DO 0012	09-12-1994	A. MUCKERMAN	MEETING MINUTES OF 29 AUGUST 1994	BASE	GW		NATIONAL
1812.DH/816	DO 0012		NAVAC -	MEETING REGARDING THE INSTALLATION		MW		
MM			NAVAC -	OF MONITORING WELLS WITH ENCLOSURE.		PERMIT		BNI - 03/25/03
N68711-92-D-4652			SOUTHWEST	***COMMENTS: LAW/CRANDALL PROJECT		WELLS		
00007			DIVISION	NO. 2404.40316.0001***				
			COMMANDING					
			OFFICER					
N69101 / 000058	SWDIV SER	02-11-2002	NAVAC -	TRANSMITTAL OF GOVERNMENT	ADMIN RECORD	COMMENTS	003	BECHTEL
1812.DH/830	DO0012	09-19-1994	SOUTHWEST	COMMENTS ON THE DRAFT WORK PLAN	BASE	GW		NATIONAL
1812.DH/830	DO0012		DIVISION	FOR THE DELINEATION OF SOIL AND		SOIL		
XMTL			DIVISION	GROUNDWATER CONTAMINATION FOR		SOIL BORING		BNI - 03/25/03
N68711-92-D-4652			A. MUCKERMAN	INCLUSION IN THE FINAL WORK PLAN		WELLS		
00009			LAW/CRANDALL, INC.					
			K. MYERS					
N69101 / 000010	NONE	11-27-2000	DTSC, LONG	COMMENTS ON THE DRAFT WORK PLAN -	ADMIN RECORD	WORK PLAN		BECHTEL
LTR		09-23-1994	BEACH, CA	DELINEATION OF SOIL AND	BASE	BTEX	003	NATIONAL
NONE			J. ZARNOCH	GROUNDWATER CONTAMINATION		COMMENTS		
LTR		NONE	J. ZARNOCH			GW		
NONE			NAVAC -			SOIL		BNI - 03/25/03
00004			SOUTHWEST			TPH		
			DIVISION			WELLS		
			A. MUCKERMAN			WORK PLAN		

UIC No. / Rec. No. Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient Affil. Recipient	Subject/Comments	Classification	Keywords	Sites	Location FRC Access. No. Box No. CD No.
N69101 / 000059 NONE	02-12-2002 09-26-1994	DTSC - LONG BEACH J. ZARNOCH J. ZARNOCH NAVFAC - SOUTHWEST DIVISION	REVIEW OF PRELIMINARY ASSESSMENTS FOR THE DRUM DISPOSAL SITE, THE OPEN BURN SITE, THE DIESEL FUEL SPILL SITE, THE DISCOLORED SOIL BURN SITE, & THE BURIED DEBRIS SITE	ADMIN RECORD BASE	DISPOSAL DRUMS	001 002	BECHTEL NATIONAL
MISC NONE	NONE				FUEL GW	003 004	BNI - 03/25/03
00003					METALS	005	
		A. MUCKERMAN			PA PAH REMOVAL SI SOIL SOLVENTS SVOC TPH VOC		
N69101 / 000011 NONE	11-28-2000 10-03-1994	CRWQCB - PALM DESERT S. CHAKLADAR S. CHAKLADAR MCAS, YUMA, AZ E. HOLCOMB	COMMENTS ON THE DRAFT WORK PLAN, DELINEATION OF SOIL AND GROUNDWATER CONTAMINATION	ADMIN RECORD BASE	COMMENTS GW	003	BECHTEL NATIONAL
LTR NONE 00001	NONE				SOIL WORK PLAN		BNI - 03/25/03
N69101 / 000060 SWDIV SER 1812.DH/023 1812.DH/023 XMTL NONE	02-12-2002 10-06-1994 NONE NONE	NAVFAC - SOUTHWEST DIVISION A. MUCKERMAN DTSC - LONG BEACH	TRANSMITTAL OF A COPY OF THE DRAFT HEALTH AND SAFETY PLAN FOR THE DELINEATION OF SOIL AND GROUNDWATER CONTAMINATION W/O ENCLOSURE	ADMIN RECORD BASE	GW H&SP SOIL	003	BECHTEL NATIONAL
00001							BNI - 03/25/03
N69101 / 000012 NONE	11-28-2000 10-07-1994	J. ZARNOCH CRWQCB - PALM DESERT S. CHAKLADAR S. CHAKLADAR MCAS, YUMA, AZ E. HOLCOMB	COMMENTS ON THE FINAL WORK PLAN, DELINEATION OF SOIL AND GROUNDWATER CONTAMINATION (SEE AR #13 - COMMENTS BY DTSC)	ADMIN RECORD BASE	COMMENTS GW	003	BECHTEL NATIONAL
LTR NONE 00001	NONE				SOIL WORK PLAN		BNI - 03/25/03

UIC No. / Rec. No. Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient	Subject/Comments	Classification	Keywords	Sites	Location FRC Access. No. Box No. CD No.
N69101 / 000016 SWDIV SER 1812.DH/302 LTR NONE 00004	11-28-2000 01-09-1995 NONE NONE	NAVFAC - SOUTHWEST DIVISION D. HUEY DEPT OF THE INTERIOR, YUMA, AZ	SUBMITTAL OF THE FINAL SITE ASSESSMENT REPORT (WITH ENCLOSURES 2 & 3 - ENCLOSURE 1 IS MISSING)	ADMIN RECORD BASE		003	BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000017 SWDIV SER 1812.DH/392 LTR NONE 00002	11-28-2000 02-02-1995 NONE	M. HUDSON NAVFAC - SOUTHWEST DIVISION D. HUEY CRWQCB, PALM DESERT, CA	UPDATE ON THE FOUR TEMPORARY GROUNDWATER MONITORING WELLS	ADMIN RECORD BASE	GW MONITORING WELLS	003	CHOICE IMAGING SOLUTIONS SW03052201
N69101 / 000018 SWDIV SER 1812.DH/391 LTR NONE 00002	11-28-2000 02-02-1995 NONE	S. CHAKLADAR NAVFAC - SOUTHWEST DIVISION D. HUEY DEPT OF THE INTERIOR, YUMA, AZ	UPDATE ON THE FOUR TEMPORARY GROUNDWATER MONITORING WELLS	ADMIN RECORD BASE	GW MONITORING WELLS	003	CHOICE IMAGING SOLUTIONS SW03052201
N69101 / 000019 SWDIV SER 1812.DH/393 LTR NONE 00002	11-28-2000 02-02-1995 NONE	M. HUDSON NAVFAC - SOUTHWEST DIVISION D. HUEY DTSC, LONG BEACH, CA	UPDATE ON THE FOUR TEMPORARY GROUNDWATER MONITORING WELLS	ADMIN RECORD BASE	GW MONITORING WELLS	003	CHOICE IMAGING SOLUTIONS SW03052201
N69101 / 000020 SWDIV SER 1812.DH/405 LTR NONE 00002	11-28-2000 02-13-1995 NONE NONE	M. EDWARDS NAVFAC - SOUTHWEST DIVISION A. MUCKERMAN DTSC, LONG BEACH, CA M. EDWARDS	UPDATE TO REGULATOR REGARDING CURRENT ACTIVITIES WITHIN THE INSTALLATION RESTORATION PROGRAM (IRP)	ADMIN RECORD BASE	WORK PLAN	001 002 003 004 005	CHOICE IMAGING SOLUTIONS SW03052201

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Constr./Guid. No.	Record Type	Record Date	Author					FRC Access. No.
Approx. # Pages	EPA Cat. #	CTO No.	Recipient					Box No.
								CD No.
N69101 / 000021	SWDIV SER	11-28-2000	NAVFAC -	SUBMISSION OF THE MEETING MINUTES	ADMIN RECORD	MTG MINS		CHOICE IMAGING
1812.KH/788 & 789	MM	06-23-1995	SOUTHWEST	FROM MEETING HELD ON 13 JUNE 1995	BASE			SOLUTIONS
NONE		NONE	C. KOTAS	(WITH ENCLOSURE)				SW03052201
00004			CRWQCB, PALM					
			DESERT, CA					
			S. CHAKLADAR					
N69101 / 000053	NONE	01-18-2002	NAVFAC -	DRAFT ADDENDUM TO THE PRELIMINARY	ADMIN RECORD	COMMENTS		BECHTEL
		08-31-1995	SOUTHWEST	ASSESSMENT REPORT (SEE AR #22 -	BASE	PA		NATIONAL
RPT		NONE	DIVISION	COMMENTS BY CRWQCB & #23 -				
NONE				COMMENTS BY DTSC)				BNI - 03/25/03
00030			NAVFAC -					BNI - 03/25/03
			SOUTHWEST					
			DIVISION					
N69101 / 000022	NONE	11-28-2000	CRWQCB - PALM	REVIEW AND COMMENTS ON THE DRAFT	ADMIN RECORD	COMMENTS	003	CHOICE IMAGING
		09-07-1995	DESERT	ADDENDUM TO THE PRELIMINARY	BASE	FUEL	005	SOLUTIONS
LTR		NONE	S. CHAKLADAR	ASSESSMENT REPORT (SEE AR #23 -		PA		
NONE			S. CHAKLADAR	COMMENTS BY DTSC & #53 - DRAFT				SW03052201
00002			VARIOUS	ADDENDUM)				
N69101 / 000023	NONE	11-28-2000	DTSC, LONG	REVIEW AND COMMENTS ON THE DRAFT	ADMIN RECORD	COMMENTS	001	CHOICE IMAGING
		09-19-1995	BEACH, CA	ADDENDUM TO THE PRELIMINARY	BASE	PA	002	SOLUTIONS
LTR		NONE	M. GASLAN	ASSESSMENT REPORT (WITH		SOIL	004	
NONE			M. GASLAN	ENCLOSURE) (SEE AR #22 - COMMENTS BY			005	
00006			NAVFAC -	CRWQCB & #53 - DRAFT ADDENDUM)				SW03052201
			SOUTHWEST					
			DIVISION					
			K. HOLMAN					
N69101 / 000024	NONE	11-28-2000	NAVFAC -	SUBMISSION OF THE MEETING MINUTES	ADMIN RECORD	EOD		CHOICE IMAGING
SWDIV SER		03-12-1996	SOUTHWEST	FROM THE MEETING HELD ON 26 JANUARY	BASE	MTG MINS		SOLUTIONS
1812.KH/302		NONE	DIVISION	1996 (WITH ENCLOSURE)		PA		
1812.KH/302		NONE	DIVISION					
MM			K. HOLMAN					
NONE			VARIOUS					
00006			AGENCIES					SW03052201

UIC No. / Rec. No. Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient Affil. Recipient	Subject/Comments	Classification	Keywords	Sites	Location FRC Access. No. Box No. CD No.
N69101 / 000025 CTO-0104/010 PLAN N68711-92-D-4670 00150	11-28-2000 09-16-1996 00104	BECHTEL NATIONAL, INC. M. TAGOE M. TAGOE NAVFAC - SOUTHWEST DIVISION	DRAFT WORK PLAN MEMORANDUM FOR THE RRSEM DATA COLLECTION EFFORT (NO DATA SITES II) (SEE AR #28 & 30 - COMMENTS BY DTSC & NAVY'S RESPONSE TO COMMENTS)	ADMIN RECORD BASE	DATA PCB RRSEM SVOC VOC	001 004 005 007 008	BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000027 CTO-0104/0149 PLAN N68711-92-D-4670 00080	11-28-2000 10-14-1996 00104	BECHTEL NATIONAL, INC. M. TAGOE M. TAGOE NAVFAC - SOUTHWEST DIVISION	FINAL WORK PLAN MEMORANDUM FOR THE RRSEM DATA COLLECTION EFFORT (NO DATA SITES II)	ADMIN RECORD BASE	WORK PLAN DATA PCB RRSEM SOIL SVOC UXO VOC WORK PLAN	001 004 005 007 008	BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000028 NONE LTR NONE 00026	11-28-2000 10-21-1996 NONE	DTSC, LONG BEACH, CA Y. SANCHEZ Y. SANCHEZ NAVFAC - SOUTHWEST DIVISION	COMMENTS ON THE DRAFT WORK PLAN MEMORANDUM FOR THE RRSEM PROGRAM BASE (WITH ENCLOSURES) (SEE AR #25 & 30 - WORK PLAN & NAVY'S RESPONSE TO COMMENTS)	ADMIN RECORD BASE	COMMENTS DATA UXO WORK PLAN	001 004 005 007	CHOICE IMAGING SOLUTIONS SW03052201
N69101 / 000049 NONE LTR NONE 00002	06-14-2001 01-29-1997 NONE	R. EVANS DTSC - LONG BEACH R. SENG R. SENG NAVFAC - SOUTHWEST DIVISION	NOTICE OF APPROVAL FOR 30-DAY STORAGE EXTENSION FOR DRUMS, CONTAINING SOIL OR WATER, TO CONDUCT A 96-HOUR BIOASSAY (SEE AR #50 - REQUEST FROM SWDIV & #51 - RESPONSE TO THIS LETTER)	ADMIN RECORD BASE	BIOASSAY CHAR DISPOSAL DRUMS HAZ WASTE		BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000050 SWDIV SER 552.KH/180 552.KH/180 LTR NONE 00001	06-14-2001 01-31-1997 NONE NONE	K. HILL NAVFAC - SOUTHWEST DIVISION K. HILL DTSC - LONG BEACH	REQUEST FOR 30-DAY EXTENSION FOR DRUMS OF INVESTIGATIVE DERIVED WASTE, OF SOIL AND WATER, FOR 96-HOUR BIOASSAY (SEE AR #49 - RESPONSE FROM DTSC)	ADMIN RECORD BASE	SOIL WATER BIOASSAY DRUMS HAZ WASTE METALS SOIL		CHOICE IMAGING SOLUTIONS SW03052201

R. ROMERO

WATER

Wednesday, September 03, 2003

This Administrative Record (AR) Index includes references to documents which cite bibliography sources.
These bibliographic citations are considered to be part of this AR but may not be cited separately in the index.

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Constr./Guid. No.	Record Type	Record Date	Author					FRC Access. No.
Approx. # Pages	CTO No.	EPA Cat. #	Recipient					Box No.
								CD No.
N69101 / 000051	SWDIV SER	06-14-2001	NAVFAC -	RESPONSE TO NOTICE OF APPROVAL FOR	ADMIN RECORD	BIOASSAY		BECHTEL
552.KH/180	02-06-1997	NONE	SOUTHWEST	30-DAY STORAGE EXTENSION FOR	BASE	DRUMS		NATIONAL
552.KH/180	NONE	NONE	DIVISION	INVESTIGATIVE DERIVED WASTE -		HAZ WASTE		
LTR	NONE	NONE	DIVISION	LABORATORY RESULTS CONCLUDED		IDW		BNI - 03/25/03
NONE			K. HILL	THAT THE IDW WAS NON-HAZARDOUS SO		SOIL		
00003			DTSC - LONG	A HAZARDOUS WASTE MANIFEST WAS		WATER		
			BEACH	NOT PROVIDED (SEE AR #49 - DTSC				
			R. ROMERO	LETTER)				
N69101 / 000029		11-28-2000	BECHTEL	SUMMARY OF RESULTS FOR THE RRSEM	ADMIN RECORD	BTX	001	CHOICE IMAGING
CTO-0104/0199	02-24-1997		NATIONAL, INC.	DATA COLLECTION EFFORT (SEE AR #31 &	BASE	DATA	004	SOLUTIONS
RPT	00104		T. MOGG	32 - NAVY'S REQUEST TO DTSC FOR NO		PVC	005	
N68711-92-D-4670			T. MOGG	FURTHER ACTION & COMMENTS BY DTSC)		RRSEM	007	SW03052201
00420			NAVFAC -			SVOC	008	
			SOUTHWEST					
			DIVISION					
						TCE		
						TPH		
						VOA		
						VOC		
N69101 / 000030		11-28-2000	NAVFAC -	RESPONSE TO DTSC COMMENTS ON THE	ADMIN RECORD	COMMENTS	001	CHOICE IMAGING
SWDIV SER	03-24-1997		SOUTHWEST	DRAFT WORK PLAN MEMORANDUM FOR	BASE	RRSEM	004	SOLUTIONS
552.KH/035	NONE		DIVISION	THE RELATIVE RISK SITE EVALUATION		WORK PLAN	005	
552.KH/035	NONE		DIVISION	MODEL (RRSEM) (WITH ENCLOSURE) (SEE			007	SW03052201
LTR			K. HILL	AR #25 & 28 - WORK PLAN & COMMENTS BY			008	
NONE			DTSC, LONG	DTSC)				
00008			BEACH, CA					
			Y. SANCHEZ					
N69101 / 000031		11-28-2000	NAVFAC -	NAVY'S REQUEST FOR NO FURTHER	ADMIN RECORD	DATA	001	CHOICE IMAGING
SWDIV SER	04-16-1997		SOUTHWEST	ACTION, BASED ON THE SUMMARY OF	BASE	NFA	004	SOLUTIONS
552.KH/052	NONE		DIVISION	RESULTS FOR THE RRSEM DATA		RRSEM	005	
552.KH/052	NONE		DIVISION	COLLECTION EFFORT (WITH ENCLOSURES)			007	SW03052201
LTR			K. HILL	{SEE AR #29 - SUMMARY OF RESULTS}			008	
NONE			DTSC, LONG					
00007			BEACH, CA					
			Y. SANCHEZ					
N69101 / 000032		11-28-2000	DTSC, LONG	COMMENTS ON THE SUMMARY OF	ADMIN RECORD	COMMENTS		CHOICE IMAGING
NONE	05-02-1997		BEACH, CA	RESULTS FOR THE RELATIVE RISK SITE	BASE	DATA		SOLUTIONS
LTR	NONE		Y. SANCHEZ	EVALUATION (RRSEM) DATA COLLECTION		RRSEM		
NONE			Y. SANCHEZ	EFFORT (WITH ENCLOSURE) (SEE AR #29 -				SW03052201
00003			NAVFAC -	SUMMARY OF RESULTS)				
			SOUTHWEST					
			DIVISION					
			K. HILL					

UIC No. / Rec. No. Doc. Control No. Record Type Contrl./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient	Subject/Comments	Classification	Keywords	Sites	Location FRC Access. No. Box No. CD No.
N69101 / 000033 CTO-0104/0302 RPT N68711-92-D-4670 00030	11-28-2000 08-21-1997 00104	BECHTEL NATIONAL, INC. T. MOGG NAVFAC - SOUTHWEST DIVISION	NO ACTION DECISION DOCUMENT	ADMIN RECORD BASE		001 004 005 007 008	CHOICE IMAGING SOLUTIONS SW03052201
N69101 / 000034 CTO-0104/0322 RPT N68711-92-D-4670 00090	11-28-2000 11-05-1997 00104	BECHTEL NATIONAL, INC. T. MOGG NAVFAC - SOUTHWEST DIVISION	SITE INSPECTION REPORT	ADMIN RECORD BASE	PAH PCB SI SVOC TPH	001 004 005 007 008	CHOICE IMAGING SOLUTIONS SW03052201
N69101 / 000035 CTO-0104/0325 RPT N68711-92-D-4670 00060	11-28-2000 11-06-1997 00104	BECHTEL NATIONAL, INC. T. MOGG NAVFAC - SOUTHWEST DIVISION	FINAL SITE INSPECTION REPORT (SEE AR #36 - COMMENTS BY DTSC)	ADMIN RECORD BASE	VOC PAH PCB SI SVOC TPH	001 004 005 007 008	CHOICE IMAGING SOLUTIONS SW03052201
N69101 / 000067 SWDIV SER 552.KH/375 552.KH/375 LTR NONE 00001	09-09-2002 12-22-1997 NONE NONE	NAVFAC - SOUTHWEST DIVISION K. HILL CRWQCB - PALM DESERT	TRANSMITTAL OF THE SITE INSPECTION REPORT AT THE REQUEST OF Y. SANCHEZ OF DTSC W/O ENCLOSURE (SEE AR #34 - SITE INSPECTION REPORT)	ADMIN RECORD BASE	VOC SI	001 004 005 007 008	CHOICE IMAGING SOLUTIONS SW03052201
N69101 / 000036 NONE LTR NONE 00003	11-28-2000 04-22-1998 NONE	J. STORMO DTSC, CYPRESS, CA M. GASLAN M. GASLAN NAVFAC - SOUTHWEST DIVISION K. HILL	DTSC, CRWQCB AND DEPARTMENT OF FISH AND GAME CONCURRENCE OF THE FINAL SITE INSPECTION REPORT (SEE AR #35 & 41 - FINAL SITE INSPECTION & NAVY'S RESPONSE TO DTSC LETTER)	ADMIN RECORD BASE	NFA SI	001 004 005 007 008	CHOICE IMAGING SOLUTIONS SW03052201

UIC No. / Rec. No. Doc. Control No. Record Type Contrl./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient	Subject/Comments	Classification	Keywords	Sites	Location FRC Access. No. Box No. CD No.
N69101 / 000037 NONE LTR NONE 00003	11-28-2000 09-24-1998 NONE	DTSC, CYPRESS, CA O. PATRICK O. PATRICK NAVFAC - SOUTHWEST DIVISION	DESIGNATION OF DTSC REMEDIAL PROJECT MANAGER AND RESPONSE TO NAVY'S LETTER DATED 17 JULY 1998	ADMIN RECORD BASE	RRSEM SI SOIL	004	CHOICE IMAGING SOLUTIONS SW03052201
N69101 / 000038 SWDIV SER LTR NONE 00005	11-28-2000 02-01-1999 NONE	K. HILL NAVFAC - SOUTHWEST DIVISION W. SANDZA DTSC, CYPRESS, CA	RESPONSE TO DTSC STATEMENTS ABOUT DTSC WORK SLOWDOWN AT NAVAL AND MARINE CORPS. BASES (WITH ENCLOSURE)	ADMIN RECORD BASE	NFA	004	CHOICE IMAGING SOLUTIONS SW03052201 SW03052201
N69101 / 000039 NONE LTR NONE 00002	11-28-2000 03-30-1999 NONE	J. SCANDURA DTSC, CYPRESS, CA J. SCANDURA J. SCANDURA NAVFAC - SOUTHWEST DIVISION	STATE OF CALIFORNIA INITIATION OF THE MID-TERM REVIEW OF THE COOPERATIVE AGREEMENT	ADMIN RECORD BASE	SI WORK PLAN	001 004 005 007 008	CHOICE IMAGING SOLUTIONS SW03052201
N69101 / 000040 04-4304.410 PLAN N68711-97-D-8702 00200	11-28-2000 05-30-2000 DO 41	K. OSTROWSKI GEOFON, INC. J. JAYAMAHA NAVFAC - SOUTHWEST DIVISION	FINAL SITE INVESTIGATION WORK PLAN {SEE AR #42 - WORK PLAN ADDENDUM & #52 - DTSC CONCURRENCE}	ADMIN RECORD BASE	SI WORK PLAN	004	BECHTEL NATIONAL BNI - 03/25/03
N69101 / 000052 NONE LTR NONE 00002	01-18-2002 06-13-2000 NONE	DTSC, CYPRESS, CA M. GASLAN M. GASLAN NAVFAC - SOUTHWEST DIVISION M. GONZALES	DTSC REVIEW AND CONCURRENCE OF THE FINAL SITE INVESTIGATION WORK PLAN AT SITE 4 {SEE AR #40 - FINAL SITE INVESTIGATION}	ADMIN RECORD BASE	SI WORK PLAN	004	CHOICE IMAGING SOLUTIONS SW03052201

UIC No. / Rec. No.	Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient Affil. Recipient	Subject/Comments	Classification	Keywords	Sites	Location FRC Access. No. Box No. CD No.
N69101 / 000041 SWDIV SER 5DEN.MG/511 SDEN.MG/511 LTR NONE	11-28-2000 08-16-2000 NONE NONE	NAVFAC - SOUTHWEST DIVISION DIVISION M. GONZALES DTSC, CYPRESS, CA	RESPONSE TO DTSC LETTER DATED 22 APRIL 1998 IN REGARD TO DTSC, CRWQCB, & DF&G CONCURRENCE WITH THE NAVY'S NO FURTHER ACTION RECOMMENDATION (SEE AR #36 - DTSC LETTER)	ADMIN RECORD BASE	NFA	001 004 005 007 008	CHOICE IMAGING SOLUTIONS SW03052201	
00001		O. PATRICK GEOFON, INC. J. JAYAMAHA	WORK PLAN ADDENDUM - SOIL INVESTIGATION (SEE AR #40 - FINAL SITE INSPECTION). ***COMMENTS: NOTE: SECTION 1.0 INDICATES THE FINAL SITE	ADMIN RECORD BASE	SOIL WORK PLAN	004	BECHTEL NATIONAL	
N69101 / 000042 04-4304.410	11-28-2000 08-16-2000	NAVFAC - SOUTHWEST DIVISION	INVESTIGATION WORK PLAN IS DATED 30 AUGUST 2000. THIS IS A TYPO, DATE SHOULD BE 30 MAY 2000.***	ADMIN RECORD BASE			BNI - 03/25/03 BNI - 03/25/03	
PLAN N68711-97-D-8702 00013	DO 41	DTSC, LONG BEACH, CA S. LOWE S. LOWE NAVFAC - SOUTHWEST DIVISION	DESIGNATION OF DEPARTMENT OF TOXIC SUBSTANCES CONTROL'S REMEDIAL PROJECT MANAGER	ADMIN RECORD BASE			CHOICE IMAGING SOLUTIONS SW03052201	
N69101 / 000043 04-4304.410 RPT N68711-97-D-8702 00800	11-30-2000 10-11-2000 DO 41	R. EVANS GEOFON, INC. J. JAYAMAHA NAVFAC - SOUTHWEST DIVISION	DRAFT SITE INSPECTION REPORT. FOR THE SOIL INVESTIGATION AT THE SCRAP METAL PILE AND BURN SITE (SEE AR #47 - COMMENTS BY DTSC)	ADMIN RECORD BASE	ARSENIC PCB SI SOIL SVOC	004	BECHTEL NATIONAL BNI - 03/25/03	
N69101 / 000047 NONE LTR NONE 00006	03-06-2001 12-13-2000 NONE	DTSC - CYPRESS S. LOWE NAVFAC - SOUTHWEST DIVISION M. GONZALES	COMMENTS BY DTSC AND HUMAN AND ECOLOGICAL RISK DIVISION ON THE DRAFT SITE INVESTIGATION REPORT, SOIL INVESTIGATION AT THE SCRAP METAL PILE AND BURN SITE (SEE AR #43 - DRAFT REPORT)	ADMIN RECORD BASE	ARSENIC COC METALS NFA PRG SOIL TCDD	001. 004 005 007 008	CHOICE IMAGING SOLUTIONS SW03052201	

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Author	Recipient	Subject/Comments	Classification	Keywords	Sites	Location FRC Access. No. Box No. CD No.
N69101 / 000046	GEOFON PROJECT	12-28-2000	GEOFON, INC.	J. JAYAMAHA	NAV/FAC -	FINAL SITE INSPECTION REPORT - SOIL INVESTIGATION (INCLUDES SWDIV TRANSMITTAL LETTER BY M. GONZALES).	ADMIN RECORD BASE	COC COPC	004	BECHTEL NATIONAL
NO. 04-4304.410	DO0041	DO0041	NAV/FAC -	SOUTHWEST DIVISION	***COMMENTS: SWDIV SER			DQO		BNI - 03/25/03 BNI - 03/25/03
RPT	N687111-97-D-8702							METALS		
00600								PCB PRG QA QC SI SOIL SVOC TCDD		
N69101 / 000066	07-03-2002	02-21-2001	DTSC - CYPRESS	S. LOWE		COMMENTS ON THE FINAL SITE INVESTIGATION REPORT, SOIL INVESTIGATION AT THE SCRAP METAL PILE AND BURN SITE - DTSC CONCURS WITH NO FURTHER ACTION DESIGNATION	ADMIN RECORD BASE	BACKGROUND COMMENTS	001 004	CHOICE IMAGING SOLUTIONS
LTR	NONE	NONE	NAV/FAC -	SOUTHWEST DIVISION				METALS NFA	005 007	SW03052201
00002			M. GONZALES					SOIL	008	
N69101 / 000071	07-31-2003	07-01-2003	NAV/FAC -	SOUTHWEST DIVISION		PROPOSED PLAN/DRAFT REMEDIAL ACTION PLAN FOR CHOCOLATE MOUNTAIN AERIAL GUNNERY RANGE	ADMIN RECORD BASE-READY		001 004	SOUTHWEST DIVISION
PLAN	NONE								005	
NONE									007	
00006									008	

Total Estimated Record Page Count: 3,352

Total - Administrative Records: 71

These bibliographic citations are considered to be part of this AR but may not be cited separately in the index.

Attachment B

PUBLIC NOTICE

**PROOF OF PUBLICATION
(2015.5 C.C.P.)**

STATE OF CALIFORNIA

County of Imperial

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk* of the printer of the

IMPERIAL VALLEY PRESS

a newspaper of general circulation, printed and published daily in the City of El Centro, County of Imperial and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Imperial, State of California, under the date of October 9, 1951, Case Number 26775; that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

July 27

all in the year 20 03

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Vicki Cheast

SIGNATURE

* Printer, Foreman of the Printer, or Principal Clerk of the Printer

Date 7/27 20 03
at El Centro, California

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Proof of Publication of:

PUBLIC NOTICE

**CHOCOLATE MOUNTAIN AERIAL GUNNERY RANGE, CA
INSTALLATION RESTORATION (IR) PROGRAM**

**Request for Public Comment on
Proposed Plan/Draft Remedial Action Plan
Installation Restoration Sites 1, 4, 5, 7, and 8**

The public is invited to review and comment on the United States (U.S.) Navy's proposal to take no further clean-up action at five former waste disposal areas on the Chocolate Mountain Aerial Gunnery Range (CMAGR), near Nland, CA. This proposal is called a "Proposed Plan" or "Draft Remedial Action Plan (RAP)". The five areas are labeled Sites 1, 4, 5, 7, and 8, and are part of the U.S. Navy's Installation Restoration (IR) Program, which searches for, investigates, and cleans up contaminant disposal and spills resulting from previous military operations. The IR program complies with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), the federal law commonly known as "Superfund."

These five sites were formerly used by the U.S. Navy for disposal of trash and debris such as empty storage drums, scrap metal, shell casings, paint cans, glass bottles, and so forth. The U.S. Navy searched the records of what was disposed of at each site, and did not find any evidence of hazardous materials. Soil samples were analyzed from each site and no chemical contamination from the debris was found. The U.S. Navy has cleaned up the debris at Sites 1, 4, 5, 7, and 8. Debris from Sites 1 and 7 were consolidated and buried at Site 7. Debris from Sites 4, 5, and 8 were consolidated and then properly disposed of off-site. Crews used native soil to restore the site surface where the debris had been excavated at Sites 1, 4, 5, and 8. The historical records and soil samples taken at each site have shown that:

- There are no hazardous materials in the debris and there were no spills or leaks of hazardous materials to the environment.
- There is no threat to human health or the environment.

Therefore, the recommendation described in the Proposed Plan/Draft RAP is to close the sites and take no further action. The U.S. Environmental Protection Agency, the California Environmental Protection Agency (CalEPA), Department of Toxic Substances (DTSC), as well as the Regional Water Quality Control Board (RWQCB), Colorado River Basin Region, and the California Department of Fish and Game (DFG) concur with the recommendation for no further action.

The Proposed Plan is available for public review and comment from July 31, 2003 to August 29, 2003. Copies of the document can be obtained by contacting Ms. Carol Lewis, IR Program Manager, MCAS, Yuma, or through the Information Repository located at Southwest Division, Naval Facilities Engineering Command, 1220 Pacific Highway, Building 129, San Diego, California 92132. The contact is Diane Silva at (619) 532-3676.

The 30-day public comment period is from July 31, 2003 through August 29, 2003. This is your opportunity

to tell us what you think about the proposal. Your comments will be considered and addressed before a final decision is made. You are also invited to attend a public meeting to hear more about the proposal and voice opinions. The public meeting will be held at the following location on August 19th, 2003 at 6:30 to 7:30 pm:

Nland Chamber of Commerce, 8031 Highway 111, Nland, CA

Comments on the Proposed Plan may be submitted orally by telephone or in writing by e-mail or regular mail. Comments should be postmarked no later than August 29, 2003 and sent to:

Carol Lewis
Environmental Department
Marine Corps Air Station Yuma, AZ
Box 99110, Building 228
Yuma, AZ 85369-9110
(928) 269-5837
E-mail: LEWISC@Yuma.mil

Attachment C

PUBLIC MEETING TRANSCRIPT

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TRANSCRIPT OF PROCEEDINGS
PUBLIC MEETING FOR THE
CHOCOLATE MOUNTAIN
AERIAL GUNNERY RANGE (CMAGR)
PROPOSED PLAN
NILAND, CALIFORNIA
August 19, 2003

HUNTINGTON COURT REPORTERS & TRANSCRIPTION, INC.

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1 APPEARANCES:

2 NAME	AFFILIATION
3 Angie Lind	Navy Remedial Project Manager
4 Mike Gonzales	Navy Remedial Project Manager

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5 Herbert Guillory Marine Corps Air Station Yuma
6 Carol Lewis Marine Corps Air Station Yuma
7 Omoruyi Patrick Department of Toxic Substances
8 Leticia Hernandez Department of Toxic Substances.
9 Wendi Condit Battelle

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HUNTINGTON COURT REPORTERS & TRANSCRIPTION, INC.
Tuesday, August 19, 2003, Niland, California

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6:40 P.M.

MS. LIND: I'm going to open the meeting. It's about
twenty until 7:00. The purpose of the meeting today is to
go over a Proposed Plan for No Further Action at some sites
on the Chocolate Mountain Aerial Gunnery Range that we

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investigated as waste disposal sites.

9 Thank you for coming here tonight. I appreciate
10 that. We will try to make it brief because we realize that
11 you have other things to do as well.

12 With that in mind, Gil, please switch the slide.

13 The reason why we're having this meeting is to
14 discuss the Proposed Plan to everyone. We want to go over
15 the Navy's efforts to identify former waste sites on the
16 Chocolate Mountain Aerial Gunnery Range, and also we want
17 to explain the results of the environmental risks that were
18 out at the site.

19 Basically, the good news is that we did not find
20 any risk to health or the environment when we did our
21 investigation of the sites. The other reason why we're
22 having the meeting is we're here, obviously, to take the
23 comments on the proposed sites and also to answer any
24 questions you may have.

25 What we would like to do, though, is hold off on

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1 any of the comments and questions until after the
2 presentation so that we can get the reporter, and I will be
3 available right after the presentation to answer questions
4 and make any comments. I will be available either right
5 there or by the poster board.

6 The reason why we did investigation on the
7 property, it really started back when the Congress passed
8 CERCLA, the Comprehensive Environmental Response
9 Compensation and Liability Act. That's a mouthful, so
10 everybody calls it the Superfund. And what Congress did
11 was to develop this ruling -- what they wanted to do was

12 set up a fund to identify hazardous waste disposal sites
13 and to identify money to clean the sites up.

14 The reason why that law was passed was before
15 1976, it was common practice to take your hazardous waste
16 and bury it out of sight, out of the mind, no problem.
17 Now, we discovered later that that's not good practice for
18 health concerns and concerns of the environment.

19 Well, Congress passed this law in the early '80s
20 and that was to deal with mostly public -- private and
21 hazardous waste disposal sites. Well, the Federal
22 Government, the Department of Defense, in particular,
23 decided, well, gee, that's a good idea. We need to set up
24 a program to investigate all our bases and see if we have
25 any of these former waste disposal sites that need to be

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1 looked at and cleaned up. So we did that, and that's what
2 this program is about.

3 What I would like to do now is introduce the
4 people that are on this team who are also responsible for
5 this public meeting tonight.

6 I will start with myself. My name is Angie Lind.
7 I am the Navy Remedial Project Manager, and my main
8 function is to identify hazardous waste sites or potential
9 hazardous waste sites and work with states agencies, EPA,
10 and the base to coordinate that.

11 Mike Gonzalez is my co-worker. He used to be RPM
12 for Chocolate Mountain approximately in the late '90s.

13 Mr. Herbert Guillory, who goes by the name Gil,
14 by the way, and he is at the Marine Corps Air Station Yuma.

15 He is the Departmental Director at Chocolate Mountain as
16 well, and his main function is to ensure that both bases
17 are in compliance with current day laws.

18 The other person I want to introduce you to is
19 Carol Lewis. Carol Lewis is the IR Manager for Marine
20 Corps Station at Yuma and also the IR manager for the
21 Chocolate Mountain range, and she assists Gil with the IR
22 program, and I virtually call her every day, just about.

23 Mr. Omoruyi Patrick, he's from the Department of
24 Toxic Substances Control with the State of California. The
25 government, in particular, likes to always get advice and

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1 help from the State. It's like two heads are better than
2 one. We like our work reviewed, and they have a lot of
3 valuable input that they can give us for cleanup efforts.
4 Omo was the Project Manager for Chocolate Mountain, and he
5 reviewed all the different processes to identify sites and
6 investigate them.

7 And Dan Cordero is not here. He's on vacation,
8 but he is a co-worker with Omo, and he is Project Manager.

9 Leticia Hernandez, she's with the DTSC, and she
10 is a big help tonight. She helped me put this meeting
11 together and put the Proposed Plan together, and I want to
12 thank her for being here.

13 Next is Wendi Condit. Wendi is with Battelle, a
14 contractor. They also helped put this meeting together,
15 and she also worked on getting the Proposed Plan mailed out
16 to you and put together.

17 And anyway, at this point, I would like to turn
18 the meeting over to Wendi to go over the specific sites and

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19 what we did. So, with that, I will turn it over to Wendi.

20 MS. CONDIT: I just want to thank everyone again for
21 coming out to the public meeting and taking time out of
22 your busy lives to make this happen.

23 The next part of the presentation, I'm going to
24 provide some background information on the Chocolate
25 Mountain Aerial Gunnery Range facility, and I'm also going

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1 to provide a description of the former waste disposal

2 sites. I will also show pictures of what the sites look
3 like today. So we will start off with the site
4 description.

5 The Chocolate Mountain Aerial Gunnery Range is
6 located three miles east of Niland, California. It covers
7 over 460,000 acres, and the land has been used by the
8 military as an aerial gunnery and bombing training range
9 since the 1940s. The range is currently used for the
10 training of Navy and Marine Corps pilots, and this is
11 expected to continue.

12 Most of the ground base activities that take
13 place at the Chocolate Mountain facility occur at the sea,
14 air, land, or SEAL Camp, that is located along the central
15 southwestern station of the Chocolate Mountain. The SEAL
16 Camp was constructed in 1970. It is used for special
17 warfare area training and readiness operations, including
18 live fire of small arms and demolitions.

19 The site is owned and managed by the Marine Corps
20 Air Station in Yuma, Arizona, and the representatives are
21 here tonight.

22 This map here is a map of the installation of the
23 restoration sites that were identified at Chocolate
24 Mountain, and there were five sites that are part of the
25 program.

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Site 1 is a former drum disposal area; Site 4,

2 located here, is a former discolored soil burn area; and
3 located adjacent to that is Site 8, which is a scrap metal
4 pile. And then Site 5, located up here, is a former buried
5 debris area, and Site 7 right here is an former open
6 trench.

7 And you can see all of these sites are located
8 near the SEAL Camp, so this is where most of the activities
9 occur at Chocolate Mountain and the IR are -- the
10 vacinity.

11 Next slide. Site 1 is the first site. It
12 covered an area of approximately 100 feet by 30 feet, and
13 over 30 empty drums along with the drum lids and other
14 debris were found at this site. The Navy completed a
15 records review, and they determined that this area was a
16 holding area for targets and not a disposal site. The site
17 was found to be free of contamination.

18 So a site investigation was carried out in 1997,
19 and at this time they drilled four bore holes into the
20 ground to take soil samples, and in each bore hole they
21 took a surface sample and a subsurface sample. And the
22 soil samples were taken to the lab, and they were analyzed
23 for VOCs, SVOCs, metals, pesticides and PCBs.

24 VOCs are volatile organic compounds, and SVOCs
25 are semivolatile organic compounds. And these are the

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1 types of chemicals that you will find in solvents and paint
2 stripping and machinery degreasing. PCBs are
3 polychlorinated biphenals.

4 So the results of the site investigation, no
5 SVOCs, pesticides or PCBs were at Site 1, except for one
6 compound, bromochlorobenzene, which is a common laboratory
7 (inaudible). Several metals were detected at the site such
8 as aluminum, arsenic, and lead, but they were present at
9 levels that were too low to present a health risk or they
10 were below the background levels.

11 So the next slide here, this kind of gives you a
12 perspective of in 1992 when the Installation Restoration
13 program started, you can see the metal drums and the debris
14 on the site. And so the debris of the site was
15 consolidated and removed, and they later were buried at
16 that site, which is one of the IR sites. So you can see
17 that the debris of the site were removed, and the surface
18 has been restored.

19 So the next site is Site 4. Site 4 is
20 approximately 30 feet by 15 feet in size, and what it is,
21 is a discolored burn area where the soil was discolored
22 from the burning of tires, and this was a one-time event
23 that occurred in 1992. Soil samples were taken of the site
24 in both 1997 and 2000, and over 50 soil samples have been
25 taken at the combined sites.

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1 so the soil samples were analyzed for VOCs,
2 SVOCs, metals, pesticides, PCBs, and dioxins. And what
3 dioxins are, they are by-products of chlorine, so in the
4 presence of chlorinated organic compounds, sometimes you
5 will get the formation of dioxins.

6 so all the VOCs were nondetect at the site which
7 was present at concentrations that were too low to present
8 a risk to human health. Metals and dioxins were other
9 nondetects or too low to cause human health risks.

10 So this next picture here, again, those are the
11 before and after pictures. What the site was like in 1992,
12 and you can see kind of the gray-black discolored soil
13 area, and this here is the edge of Site 8, which is the
14 scrap metal, and it still exists today, and it is a little
15 hard to see in this picture, but the colored soil area,
16 approximately 100 cubic yards of discolored soil was taken
17 from the site and removed and disposed.

18 Okay. So the next one is Site 8, and what Site 8
19 is, is a scrap metal pile. It is approximately 60 feet in
20 diameter and 8 feet high. The scrap metal found at the
21 site includes paint cans, ammunition cases, vehicle parts
22 and other metal objects, and this scrap pile is still in
23 use. It's one of five active staging areas for targets at
24 Chocolate Mountain.

25 So samples, again, were taken near the scrap

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1 HUNTINGTON COURT REPORTERS & TRANSCRIPTION, INC. 10
2 metal pile, and they were analyzed for VOCs and SVOCs.
3 Only common laboratory contaminants and metals were
4 reported. All the chemicals that were reported were below
5 levels that would cause a human health risk.

5 So the next slide shows what the scrap metal pile
6 looked like in 1992, and it still exists in 2003. It is an
7 active staging area for targets and metal debris, but it is
8 cleaned up periodically and in the range of operation
9 maintenance program, take the metal away for recycling or
10 disposal.

11 Site 5 covers an area approximately 70 feet by
12 120 feet. At this site, metal debris was distributed
13 throughout the site, including scrap metal, grenade
14 cannisters, and other debris. Six bore holes were drilled
15 at the site in 1997.

16 Surface and subsurface soil samples were taken,
17 and, again, the soil was analyzed for VOCs, SVOCs, metals,
18 pesticides, and PCBs. So at the conclusion of the
19 investigation, SVOCs, pesticides and PCBs were all
20 nondetects. VOCs were nondetect for (inaudible) present
21 below levels that would propose a risk to human health.

22 Metals were also reported in the soil that did
23 not pose a human health risk or they were below the normal
24 background levels.

25 So the next slide shows Site 5, like it looked in

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1 1992 and how it was today, and you can see that the debris,
2 again, was consolidated and removed from the site and
3 disposed properly of.

4 Site 7 covers an area of approximately 65 feet by
5 15 feet and it -- what it was was an open trench with
6 debris in it. It extended approximately five feet below
7 ground surface. The debris of the site included household

8 waste, paint cans, and other debris. And it was also
9 believed that the debris may have been burned by additional
10 petroleum.

11 So again, the site investigation occurred in
12 1997. The soil was sampled for VOCs, SVOCs, pesticides and
13 PCBs, and they were not detected at the site.

14 Metals were reported at the site, but they were
15 there at levels too low to present a human health risk or
16 below background levels in the soil.

17 So the next site shows Site 7 as it appeared in
18 1997 and as it appears today. And the debris from Site 1,
19 which I talked about previously, and Site 7 were
20 consolidated and then buried, and the site was regraded and
21 returned to its natural content.

22 So the information that I just talked about is
23 summarized in the Proposed Plan, and copies are available
24 here at the meeting. And the conclusions of the Proposed
25 Plan is that there were no findings of a significant

1 HUNTINGTON COURT REPORTERS & TRANSCRIPTION, INC. 12
2 release to the environment, that there were no hazardous
3 materials in the debris, and no significant leaks or spills
4 were detected at the sites.

5 Basically, the summary of the Proposed Plan was
6 that, because there was no threat to human health or the
7 environment, that no further action was appropriate at
8 sites 1, 4, 5, 7 and 8, and we received an agreement with
9 the proposal from the California Department of Toxic
10 Substances Control, the Regional Water Quality Control
11 Board, and the California Department of Fish and Game.

12 So for the next set, the final decision that No
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12 Further Action will be documented in a record of decision.
13 The record of decision will also include the summary of any
14 public comments that we receive tonight and also any
15 written comments that need to be received.

16 So just to conclude, we are definitely interested
17 in getting your comments, and we will accept your comments,
18 and Angie then will be over by the court reporter to take
19 any questions or comments that you have.

20 There's also a comment sheet at the back of your
21 handout. You can fill that out and turn it in, or you can
22 write to the address on the 30-day period which started on
23 July 31st and ends on August 29th, and the address is in
24 your handouts.

25 MS. LIND: I am available for any questions, or if you

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2 want to see me, what I would like is one question at a time
3 so I can make sure that the court reporter gets your name
4 and your address so we have that in the report, and then go
5 ahead and ask your question or submit a comment.

6 I'll be over here.

7 UNIDENTIFIED SPEAKER: The only comment is it seems to
8 me I am not as smart as the rest of you, by no means. It
9 looks to me like, as much as you have done in the way you
10 are presenting yourself, it looks like you got this pretty
11 much under control.

12 MR. GONZALES: Thank you.

13 UNIDENTIFIED SPEAKER: And I am real, real sorry that
14 more of the townspeople did not come in here and
15 participate and pay attention. We have anywhere -- I don't

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15 know if you all know this or not, we are a small town, but
16 we still have anywhere from 15 to 20 to 30 people who come
17 in here in September for the board meetings and just for
18 the community meetings; these people come in here.
19 why they didn't come today, they should have
20 come, because there would have been a lot more questions
21 that I think they would have gotten answers to without
22 asking the Niland Chamber of Commerce, which don't know
23 everything. I am part of it, so I don't know everything,
24 but hopefully the next time, if you come back in our area,
25 maybe the Chamber can get together with you all because I

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1 think this is interesting and everybody here in town should
2 know, not just me or the Chamber. I think everybody ought
3 to take a peek and listen come in and see what you did.
4 That's my comment. I know that's not much of a
5 comment, but I think each and every one of you should get a
6 gold star, and that's from me and also from the Niland
7 Chamber of Commerce.

8 That's all I have to say. I am going to leave
9 you guys alone because I am sure others here may want to
10 talk with you.

11 MS. LIND: we will stick around for a while and get a
12 summary and look at the poster board.

13 (A break was taken from 07:02 until 7:30 P.M.)

14 MS. LIND: I'm officially adjourning the meeting. We
15 have no official comments from the public, and no one
16 showed up after the initial presentation.

17 we are adjourned at 7:30 P.M.

18 (At 7:30 P.M. the deposition was concluded.)

1 STATE OF CALIFORNIA)
2 COUNTY OF LOS ANGELES) SS.

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I, ANN BONNETTE-SMITH, C.S.R. No. 6108, do hereby
certify:

That said Transcript of Proceedings was taken before
me at the time and place therein set forth and was taken
down by me in shorthand and thereafter was transcribed into
typewriting under my direction and supervision, and I
hereby certify the foregoing transcript is a full, true and
correct transcript of my shorthand notes so taken.

I further certify that I am neither counsel for nor
related to any party to said action, nor in any way
interested in the outcome thereof.

IN WITNESS WHEREOF, I have hereunto subscribed my
name this 3rd day of September, 2003.

Ann Bonnette-Smith
ANN BONNETTE-SMITH